

Region	Number	ID_No	Name of Operator	Operator Street Address
9	1	9_1	Aera Energy, LLC; Monterey County	
9	10	9_10	Amoco Production Company	
9	100	9_100	Arco Oil and Gas	
9	101	9_101	Arco Oil and Gas	
9	102	9_102	Arco Oil and Gas	
9	103	9_103	Arco Oil and Gas	
9	104	9_104	Arco Oil and Gas	
9	105	9_105	Arco Oil and Gas	
9	106	9_106	Arco Oil and Gas	
9	107	9_107	Arco Oil and Gas	
9	108	9_108	Arco Oil and Gas	
9	109	9_109	Arco Oil and Gas	
9	11	9_11	Curis Resources (Arizona), Inc	14605 East Hunt Highway
9	110	9_110	Arco Oil and Gas	
9	111	9_111	Energy Reserve Backup Inc.	

Operator City	Operator State	Operator ZIP Code	Business Type	Permit Type	Injection Well ID	Area Permit
			Oil & Gas	I	San Ardo Field	
				I	Blackburn #12	
			Oil & Gas	I	246	
			Oil & Gas	I	111	
			Oil & Gas	I	79	
			Oil & Gas	I	150	
			Oil & Gas	I	29	
			Oil & Gas	I	13	
			Oil & Gas	I	93	
			Oil & Gas	I	126	
			Oil & Gas	I	158	
			Oil & Gas	I	16	
Florence	AZ	85322	Copper Solution Mining	I		AZ396000001
			Oil & Gas	I	85	
			Oil & Gas	I	4	

API Number	Well Class	Injection Activity	Injection Activity Category	State	County	Tribe	AE Location (TRS)
							Sections of Township 23 South, Range 11 East; Sections 14 (western half), 15, 16, 17 (eastern half), 19, 20, 21, 28, 29, 30, 31, 32, and 33; and within the northern halves of sections 4 and 5 of Township 24 South, Range 11 East Section 7, T27N, R52E, M.D.B. & M.
	II	Disposal	Brine Disposal	CA	Monterey County		
	II			NV			
	II	Oil and gas extraction	EOR	NM		Navajo	
	II	Oil and gas extraction	EOR	NM		Navajo	
	II	Oil and gas extraction	EOR	NM		Navajo	
	II	Oil and gas extraction	EOR	NM		Navajo	
	II	Oil and gas extraction	EOR	NM		Navajo	
	II	Oil and gas extraction	EOR	NM		Navajo	
	II	Oil and gas extraction	EOR	NM		Navajo	
	II	Oil and gas extraction	EOR	NM		Navajo	
	II	Oil and gas extraction	EOR	NM		Navajo	
	II	Oil and gas extraction	EOR	NM		Navajo	
	III			AZ	Pinal County		Township 4, South, Range 9 East, Sections 27, 28, 33, and 34
	II	Oil and gas extraction	EOR	NM		Navajo	
	II	Oil and gas extraction	EOR	NM		Navajo	

AE Location (Degrees Latitude)	AE Location (Degrees Longitude)	AE Location Notes	AE Area	AE Area Units	AE Delineation Notes	AE Depth
35.9035124844	-120.801237475	Lat/Lon represents centroid of PLSS area	7533	Acres	Total of PLSS polygons	2,740
40.2355515481	-116.152132388	Lat/Lon represents centroid of PLSS area	125.6	Acres	1/4 mile radius	
36.8413667359	-108.519053453		125.6	Acres	1/4 mile radius	
36.8811279157	-108.567854669		125.6	Acres	1/4 mile radius	
36.8955936314	-108.599476603		125.6	Acres	1/4 mile radius	
36.8774146816	-108.519205664		125.6	Acres	1/4 mile radius	
36.8593764149	-108.567855431		125.6	Acres	1/4 mile radius	
36.8629830077	-108.545303394		125.6	Acres	1/4 mile radius	
36.8883727626	-108.576880967		125.6	Acres	1/4 mile radius	
36.8485343746	-108.554330959		125.6	Acres	1/4 mile radius	
36.870239303	-108.536399734		125.6	Acres	1/4 mile radius	
36.8593713044	-108.558835378		125.6	Acres	1/4 mile radius	
33.0458657635	-111.421979612	Lat/Lon represents centroid of PLSS area			500 ft beyond the mine area	400
36.8919681214	-108.590435611		125.6	Acres	1/4 mile radius	
36.9245592425	-108.649145758		125.6	Acres	1/4 mile radius	

AE Depth Units	Injection Zone	Upper Confining Zone	Lower Confining Zone	Formation Thickness	Lithology
feet TVD	Railroad Valley aquifer			2,680	Sandstone
	Gallup Formation				Sandstone, siltstone, shale
	Gallup Formation				Sandstone, siltstone, shale
	Gallup Formation				Sandstone, siltstone, shale
	Gallup Formation				Sandstone, siltstone, shale
	Gallup Formation				Sandstone, siltstone, shale
	Gallup Formation				Sandstone, siltstone, shale
	Gallup Formation				Sandstone, siltstone, shale
	Gallup Formation				Sandstone, siltstone, shale
	Gallup Formation				Sandstone, siltstone, shale
	Gallup Formation				Sandstone, siltstone, shale
	Gallup Formation				Sandstone, siltstone, shale
feet TVD	Gallup Formation			1200	Sandstone, siltstone, shale
	Gallup Formation				Sandstone, siltstone, shale

Water Quality	Water Quality Data Source	Injectate Characteristics	Program Revision Type	Exemption Review Decision	Approval Date	AE Expiration
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3/14/1983

Oilfield produced water

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7/22/1987

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5/1/1997

dilute sulfuric acid solution

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Criteria Cited	Comments / Notes	Date Added	Source
40 CFR 146.4(c)			regional spreadsheet
40 CFR 146.4(a); 40 CFR 146.4(b)			regional spreadsheet
40 CFR 146.4(a); 40 CFR 146.4(b)			Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)			Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)			Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)			Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)			Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)			Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)			Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)			Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)			Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)			regional spreadsheet
40 CFR 146.4(a); 40 CFR 146.4(b)			Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)			Part 147, Subpart HHH

9	112 9_112	Energy Reserve Backup Inc.
9	113 9_113	Energy Reserve Backup Inc.
9	114 9_114	Energy Reserve Backup Inc.
9	115 9_115	Solar Petroleum Inc.
9	116 9_116	Solar Petroleum Inc.
9	117 9_117	Solar Petroleum Inc.
9	118 9_118	Solar Petroleum Inc.
9	119 9_119	Solar Petroleum Inc.

9	12 9_12	Santa Cruz Joint Venture	1150 N. 7th Ave
9	120 9_120	Solar Petroleum Inc.	
9	121 9_121	Solar Petroleum Inc.	
9	122 9_122	Solar Petroleum Inc.	
9	123 9_123	Solar Petroleum Inc.	
9	124 9_124	Solar Petroleum Inc.	
9	125 9_125	Solar Petroleum Inc.	
9	126 9_126	Solar Petroleum Inc.	
9	127 9_127	Solar Petroleum Inc.	
9	128 9_128	Solar Petroleum Inc.	
9	129 9_129	Solar Petroleum Inc.	
9	13 9_13	Arco Oil and Gas	

Oil & Gas	I	31
Oil & Gas	I	29
Oil & Gas	I	37
Oil & Gas	I	205
Oil & Gas	I	122
Oil & Gas	I	127
Oil & Gas	I	136
Oil & Gas	I	125

Tucson	AZ	85703	Copper Solution Mining	I		AZ397000001
			Oil & Gas	I	206	
			Oil & Gas	I	103	
			Oil & Gas	I	128	
			Oil & Gas	I	101	
			Oil & Gas	I	117	
			Oil & Gas	I	108	
			Oil & Gas	I	114	
			Oil & Gas	I	143	
			Oil & Gas	I	302	
			Oil & Gas	I	307	
			Oil & Gas	I	134	

II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo

III			AZ	Pinal County	Township 6, South, Range 4 East, Sections 12, 13, 24 and Range 5 East, Sections 7, 18, and 19
II	Oil and gas extraction	EOR	NM	Navajo	
II	Oil and gas extraction	EOR	NM	Navajo	
II	Oil and gas extraction	EOR	NM	Navajo	
II	Oil and gas extraction	EOR	NM	Navajo	
II	Oil and gas extraction	EOR	NM	Navajo	
II	Oil and gas extraction	EOR	NM	Navajo	
II	Oil and gas extraction	EOR	NM	Navajo	
II	Oil and gas extraction	EOR	NM	Navajo	
II	Oil and gas extraction	EOR	NM	Navajo	
II	Oil and gas extraction	EOR	NM	Navajo	
II	Oil and gas extraction	EOR	NM	Navajo	

36.826911714	-108.514515796	125.6 Acres	1/4 mile radius
36.8304688732	-108.496537711	125.6 Acres	1/4 mile radius
36.8232685891	-108.505517341	125.6 Acres	1/4 mile radius
36.9100921221	-108.599482907	125.6 Acres	1/4 mile radius
36.917322297	-108.631085751	125.6 Acres	1/4 mile radius
36.9281933468	-108.635593516	125.6 Acres	1/4 mile radius
36.9209729886	-108.613049607	125.6 Acres	1/4 mile radius
36.9245660052	-108.640113704	125.6 Acres	1/4 mile radius

		Lat/Lon represents centroid of PLSS area	451 Acres	2500' radius	1000
32.9012477927	-111.877823657				
36.9173498125	-108.608531454		125.6 Acres	1/4 mile radius	
36.9281882243	-108.644622246		125.6 Acres	1/4 mile radius	
36.9318155223	-108.640102126		125.6 Acres	1/4 mile radius	
36.9354277693	-108.644611461		125.6 Acres	1/4 mile radius	
36.9173413807	-108.617556394		125.6 Acres	1/4 mile radius	
36.9173271487	-108.626574605		125.6 Acres	1/4 mile radius	
36.9100785603	-108.626571002		125.6 Acres	1/4 mile radius	
36.9245905416	-108.617554374		125.6 Acres	1/4 mile radius	
36.9318086136	-108.649133047		125.6 Acres	1/4 mile radius	
36.9353762968	-108.649100674		125.6 Acres	1/4 mile radius	
36.8451658873	-108.540809559		125.6 Acres	1/4 mile radius	

	Gallup Formation		Sandstone, siltstone, shale
	Gallup Formation		Sandstone, siltstone, shale
	Gallup Formation		Sandstone, siltstone, shale
	Gallup Formation		Sandstone, siltstone, shale
	Gallup Formation		Sandstone, siltstone, shale
	Gallup Formation		Sandstone, siltstone, shale
	Gallup Formation		Sandstone, siltstone, shale
	Gallup Formation		Sandstone, siltstone, shale
feet TVD		3000	Copper oxide, chalcocite and primary sulfide zones
	Gallup Formation		Sandstone, siltstone, shale
	Gallup Formation		Sandstone, siltstone, shale
	Gallup Formation		Sandstone, siltstone, shale
	Gallup Formation		Sandstone, siltstone, shale
	Gallup Formation		Sandstone, siltstone, shale
	Gallup Formation		Sandstone, siltstone, shale
	Gallup Formation		Sandstone, siltstone, shale
	Gallup Formation		Sandstone, siltstone, shale
	Gallup Formation		Sandstone, siltstone, shale
	Gallup Formation		Sandstone, siltstone, shale
	Gallup Formation		Sandstone, siltstone, shale

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40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
Status: Never Constructed, Permit withdrawn Injectate Characteristics: Acidic solution (Never injected)	regional spreadsheet
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH

9	130 9_130	Solar Petroleum Inc.
9	131 9_131	Solar Petroleum Inc.
9	132 9_132	Solar Petroleum Inc.
9	133 9_133	Solar Petroleum Inc.
9	134 9_134	Solar Petroleum Inc.
9	135 9_135	Solar Petroleum Inc.
9	136 9_136	Solar Petroleum Inc.
9	137 9_137	Solar Petroleum Inc.
9	138 9_138	Solar Petroleum Inc.
9	139 9_139	Solar Petroleum Inc.
9	14 9_14	Arco Oil and Gas
9	140 9_140	Solar Petroleum Inc.
9	141 9_141	Solar Petroleum Inc.
9	142 9_142	Solar Petroleum Inc.
9	143 9_143	WTR Oil Co.
9	144 9_144	Arco Oil & Gas Co.
9	145 9_145	Arco Oil & Gas Co.
9	146 9_146	Arco Oil & Gas Co.
9	147 9_147	Arco Oil & Gas Co.
9	148 9_148	Arco Oil & Gas Co.
9	149 9_149	Arco Oil & Gas Co.
9	15 9_15	Arco Oil and Gas
9	150 9_150	Arco Oil & Gas Co.

Oil & Gas	I	140
Oil & Gas	I	118
Oil & Gas	I	204
Oil & Gas	I	115
Oil & Gas	I	144
Oil & Gas	I	123
Oil & Gas	I	109
Oil & Gas	I	203
Oil & Gas	I	134
Oil & Gas	I	132
Oil & Gas	I	8
Oil & Gas	I	110
Oil & Gas	I	133
Oil & Gas	I	124
Oil & Gas	I	2
Oil & Gas	I	2
Oil & Gas	I	21
Oil & Gas	I	23
Oil & Gas	I	6
Oil & Gas	I	12
Oil & Gas	I	18
Oil & Gas	I	0
Oil & Gas	I	16

II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo

36.9100737019	-108.631081858	125.6 Acres	1/4 mile radius
36.9209586026	-108.622067474	125.6 Acres	1/4 mile radius
36.9101001238	-108.608526957	125.6 Acres	1/4 mile radius
36.9136952414	-108.635596463	125.6 Acres	1/4 mile radius
36.910092057	-108.617552137	125.6 Acres	1/4 mile radius
36.9209439516	-108.635601427	125.6 Acres	1/4 mile radius
36.9137099094	-108.62206353	125.6 Acres	1/4 mile radius
36.9137210655	-108.604006842	125.6 Acres	1/4 mile radius
36.9173169276	-108.640112123	125.6 Acres	1/4 mile radius
36.9282006735	-108.626566284	125.6 Acres	1/4 mile radius
36.8775037986	-108.572365794	125.6 Acres	1/4 mile radius
36.9245759311	-108.62657362	125.6 Acres	1/4 mile radius
36.9209883919	-108.536382136	125.6 Acres	1/4 mile radius
36.9245709485	-108.631085513	125.6 Acres	1/4 mile radius
36.9426846789	-108.640097953	125.6 Acres	1/4 mile radius
36.9209979384	-108.572369467	125.6 Acres	1/4 mile radius
36.9028723548	-108.545291626	125.6 Acres	1/4 mile radius
36.8992490075	-108.545292909	125.6 Acres	1/4 mile radius
36.9173709129	-108.56334026	125.6 Acres	1/4 mile radius
36.913743796	-108.549799908	125.6 Acres	1/4 mile radius
36.9064957116	-108.549802672	125.6 Acres	1/4 mile radius
36.8665141561	-108.532731712	125.6 Acres	1/4 mile radius
36.9064964444	-108.558827811	125.6 Acres	1/4 mile radius

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Part 147, Subpart HHH

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Part 147, Subpart HHH

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Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

9	151 9_151	Arco Oil & Gas Co.
9	152 9_152	Arco Oil & Gas Co.
9	153 9_153	Arco Oil & Gas Co.
9	154 9_154	Arco Oil & Gas Co.
9	155 9_155	Arco Oil & Gas Co.
9	156 9_156	Arco Oil & Gas Co.
9	157 9_157	James P. Woosley
9	158 9_158	James P. Woosley
9	159 9_159	James P. Woosley
9	16 9_16	Arco Oil and Gas
9	160 9_160	James P. Woosley
9	161 9_161	James P. Woosley
9	162 9_162	James P. Woosley
9	163 9_163	James P. Woosley
9	164 9_164	James P. Woosley
9	165 9_165	Solar Petroleum Inc.
9	166 9_166	Solar Petroleum Inc.
9	167 9_167	Solar Petroleum Inc.
9	168 9_168	Solar Petroleum Inc.
9	169 9_169	Solar Petroleum Inc.
9	17 9_17	Arco Oil and Gas
9	170 9_170	WTR Oil Co.
9	171 9_171	WTR Oil Co.

Oil & Gas	I	13
Oil & Gas	I	26
Oil & Gas	I	22
Oil & Gas	I	1
Oil & Gas	I	19
Oil & Gas	I	8
Oil & Gas	I	13
Oil & Gas	I	1
Oil & Gas	I	4
Oil & Gas	I	199
Oil & Gas	I	11
Oil & Gas	I	6
Oil & Gas	I	18
Oil & Gas	I	3
Oil & Gas	I	12
Oil & Gas	I	216
Oil & Gas	I	215
Oil & Gas	I	218
Oil & Gas	I	223
Oil & Gas	I	217
Oil & Gas	I	196
Oil & Gas	I	11
Oil & Gas	I	6

II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo

36.9101229243	-108.567854726	125.6 Acres	1/4 mile radius
36.895626157	-108.54078249	125.6 Acres	1/4 mile radius
36.8992485941	-108.549804796	125.6 Acres	1/4 mile radius
36.9246227919	-108.572368858	125.6 Acres	1/4 mile radius
36.9028719807	-108.554315853	125.6 Acres	1/4 mile radius
36.8992480637	-108.554316703	125.6 Acres	1/4 mile radius
36.9789173993	-108.653680028	125.6 Acres	1/4 mile radius
36.9535708522	-108.626559631	125.6 Acres	1/4 mile radius
36.989783475	-108.662726773	125.6 Acres	1/4 mile radius
36.8557088318	-108.527989841	125.6 Acres	1/4 mile radius
36.9608200226	-108.626565488	125.6 Acres	1/4 mile radius
36.9572007401	-108.622046428	125.6 Acres	1/4 mile radius
36.9861546245	-108.667240471	125.6 Acres	1/4 mile radius
36.9535811141	-108.617527915	125.6 Acres	1/4 mile radius
36.9571908134	-108.631078562	125.6 Acres	1/4 mile radius
36.9318489002	-108.585915804	125.6 Acres	1/4 mile radius
36.935439981	-108.599441285	125.6 Acres	1/4 mile radius
36.9318357749	-108.594949986	125.6 Acres	1/4 mile radius
36.9282141288	-108.590437116	125.6 Acres	1/4 mile radius
36.9173691557	-108.576885796	125.6 Acres	1/4 mile radius
36.8592739016	-108.49664126	125.6 Acres	1/4 mile radius
36.9499660237	-108.608493997	125.6 Acres	1/4 mile radius
36.939104352	-108.594941503	125.6 Acres	1/4 mile radius

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P	A

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

9	172 9_172	WTR Oil Co.
9	173 9_173	WTR Oil Co.
9	174 9_174	WTR Oil Co.
9	175 9_175	Chaco Oil Co.
9	176 9_176	Chaco Oil Co.
9	177 9_177	Geo Engineering Inc.
9	178 9_178	Geo Engineering Inc.
9	179 9_179	Geo Engineering Inc.
9	18 9_18	Arco Oil and Gas
9	180 9_180	Geo Engineering Inc.
9	181 9_181	Geo Engineering Inc.
9	182 9_182	Geo Engineering Inc.
9	183 9_183	Geo Engineering Inc.
9	184 9_184	Geo Engineering Inc.
9	185 9_185	Geo Engineering Inc.
9	186 9_186	Geo Engineering Inc.
9	187 9_187	Geo Engineering Inc.
9	188 9_188	Tesoro Petroleum Co.
9	189 9_189	Tesoro Petroleum Co.
9	19 9_19	Arco Oil and Gas
9	190 9_190	Tesoro Petroleum Co.
9	191 9_191	Tesoro Petroleum Co.

Oil & Gas	I	8
Oil & Gas	I	9
Oil & Gas	I	7
Oil & Gas	I	6
Oil & Gas	I	17
Oil & Gas	I	35
Oil & Gas	I	7
Oil & Gas	I	20
Oil & Gas	I	219
Oil & Gas	I	5
Oil & Gas	I	21
Oil & Gas	I	36
Oil & Gas	I	8
Oil & Gas	I	24
Oil & Gas	I	10
Oil & Gas	I	22
Oil & Gas	I	12
Oil & Gas	I	28
Oil & Gas	I	34
Oil & Gas	I	65
Oil & Gas	I	18
Oil & Gas	I	20

II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo

36.9463365749	-108.613007678	125.6 Acres	1/4 mile radius
36.9462611883	-108.496699749	125.6 Acres	1/4 mile radius
36.9427250197	-108.599458582	125.6 Acres	1/4 mile radius
35.9403728846	-107.80826643	125.6 Acres	1/4 mile radius
35.9439535535	-107.817183241	125.6 Acres	1/4 mile radius
35.9403289113	-107.812743219	125.6 Acres	1/4 mile radius
35.9403728846	-107.80826643	125.6 Acres	1/4 mile radius
35.9366262366	-107.817251453	125.6 Acres	1/4 mile radius
36.84834922	-108.534787817	125.6 Acres	1/4 mile radius
35.9403289113	-107.812743219	125.6 Acres	1/4 mile radius
35.9402849182	-107.817219988	125.6 Acres	1/4 mile radius
35.9439952287	-107.812700517	125.6 Acres	1/4 mile radius
35.9403728846	-107.80826643	125.6 Acres	1/4 mile radius
35.9440368703	-107.808217802	125.6 Acres	1/4 mile radius
35.9440368703	-107.808217802	125.6 Acres	1/4 mile radius
35.9403289113	-107.812743219	125.6 Acres	1/4 mile radius
35.9440368703	-107.808217802	125.6 Acres	1/4 mile radius
35.7306244261	-107.724019095	125.6 Acres	1/4 mile radius
35.7269457323	-107.723907154	125.6 Acres	1/4 mile radius
36.8557322412	-108.53640359	125.6 Acres	1/4 mile radius
35.7267903857	-107.732711635	125.6 Acres	1/4 mile radius
35.7268676333	-107.72840145	125.6 Acres	1/4 mile radius

Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Menefee Formation	
Menefee Formation	
Menefee Formation	
Menefee Formation	
Menefee Formation	
Gallup Formation	Sandstone, siltstone, shale
Menefee Formation	
Menefee Formation	
Menefee Formation	
Menefee Formation	
Menefee Formation	
Menefee Formation	
Menefee Formation	
Hospah Formation	Sandstone
Hospah Formation	Sandstone Sandstone, siltstone, shale
Gallup Formation	
Hospah Formation	Sandstone
Hospah Formation	Sandstone

P	A
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Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

Part 147, Subpart HHH

9	2 9_2	Occidental of Elk Hills, Inc.
9	20 9_20	Arco Oil and Gas
9	21 9_21	Arco Oil and Gas
9	22 9_22	Arco Oil and Gas
9	23 9_23	Arco Oil and Gas
9	24 9_24	Arco Oil and Gas
9	25 9_25	Arco Oil and Gas
9	26 9_26	Arco Oil and Gas
9	27 9_27	Arco Oil and Gas
9	28 9_28	Arco Oil and Gas
9	29 9_29	Arco Oil and Gas
9	3 9_3	Dugan Production Corporation
9	30 9_30	Arco Oil and Gas
9	31 9_31	Arco Oil and Gas
9	32 9_32	Arco Oil and Gas
9	33 9_33	Arco Oil and Gas

Oil & Gas	I	Asphalto Oil Field
Oil & Gas	I	164
Oil & Gas	I	5
Oil & Gas	I	180
Oil & Gas	I	182
Oil & Gas	I	229
Oil & Gas	I	24
Oil & Gas	I	77
Oil & Gas	I	22
Oil & Gas	I	171
Oil & Gas	I	205
	I	West Bisti SWD #1
Oil & Gas	I	7
Oil & Gas	I	17
Oil & Gas	I	221
Oil & Gas	I	26

					(1) Portion of the E/2 E/2 E/2 of Section 21, T30S/R22E; (2) SE/4 and portions of S/2 NE/4, S/2 NW/4, and SW/4 of Section 22, T30S/R22E (3) Portion of S/2 of Section 23, T30S/R22E; (4) NW/4 and S/2 of Section 25, T30S/R22E; (5) N/2, SE/4, and portion of N
II	Disposal	Brine Disposal	CA	Kern	
II	Oil and gas extraction	EOR	NM		Navajo
II	Oil and gas extraction	EOR	NM		Navajo
II	Oil and gas extraction	EOR	NM		Navajo
II	Oil and gas extraction	EOR	NM		Navajo
II	Oil and gas extraction	EOR	NM		Navajo
II	Oil and gas extraction	EOR	NM		Navajo
II	Oil and gas extraction	EOR	NM		Navajo
II	Oil and gas extraction	EOR	NM		Navajo
II	Oil and gas extraction	EOR	NM		Navajo
II	Oil and gas extraction	EOR	NM		Navajo
II	Oil and gas extraction	EOR	NM		Navajo
IID			NM		parts of Sections 26, 35, and 36, T26N- R13W
II	Oil and gas extraction	EOR	NM		Navajo
II	Oil and gas extraction	EOR	NM		Navajo
II	Oil and gas extraction	EOR	NM		Navajo
II	Oil and gas extraction	EOR	NM		Navajo

35.2871553245	-119.583952287	Lat/Lon represents centroid of PLSS area	3466 Acres	Total of PLSS polygons	380
36.8701537745	-108.510181564		125.6 Acres	1/4 mile radius	
36.8666211151	-108.558834386		125.6 Acres	1/4 mile radius	
36.862899178	-108.519198362		125.6 Acres	1/4 mile radius	
36.862899447	-108.51017748		125.6 Acres	1/4 mile radius	
36.8485194869	-108.492119775		125.6 Acres	1/4 mile radius	
36.8775018145	-108.554321571		125.6 Acres	1/4 mile radius	
36.899217172	-108.590437541		125.6 Acres	1/4 mile radius	
36.8702425375	-108.545301247		125.6 Acres	1/4 mile radius	
36.8665261163	-108.514689996		125.6 Acres	1/4 mile radius	
36.8556489535	-108.501151335		125.6 Acres	1/4 mile radius	
36.4495513239	-108.182538507	Lat/Lon represents centroid of PLSS area	502 Acres	1/2 mile radius	6,878
36.8738775313	-108.567854905		125.6 Acres	1/4 mile radius	
36.8629983459	-108.563345133		125.6 Acres	1/4 mile radius	
36.8476435787	-108.526139562		125.6 Acres	1/4 mile radius	
36.877506541	-108.54529959		125.6 Acres	1/4 mile radius	

feet TVD		Basal Alluvial Clay	400	Sandstone
	Gallup Formation			Sandstone, siltstone, shale
	Gallup Formation			Sandstone, siltstone, shale
	Gallup Formation			Sandstone, siltstone, shale
	Gallup Formation			Sandstone, siltstone, shale
	Gallup Formation			Sandstone, siltstone, shale
	Gallup Formation			Sandstone, siltstone, shale
	Gallup Formation			Sandstone, siltstone, shale
	Gallup Formation			Sandstone, siltstone, shale
	Gallup Formation			Sandstone, siltstone, shale
	Gallup Formation			Sandstone, siltstone, shale
		Upper: Todilto Limestone;		
feet TVD	Entrada Formation	Lower: Chinle shale	186	Limestone, anhydrite, shale, and silt
	Gallup Formation			Sandstone, siltstone, shale
	Gallup Formation			Sandstone, siltstone, shale
	Gallup Formation			Sandstone, siltstone, shale
	Gallup Formation			Sandstone, siltstone, shale

3/14/1983

Oilfield produced water	NS	A
	P	A
	P	A
	P	A
	P	A
	P	A
	P	A
	P	A
	P	A
	P	A
	P	A

9/3/2010

NS	A
P	A
P	A
P	A
P	A

40 CFR 146.4(c)	regional spreadsheet
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(c)	regional spreadsheet
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH

9	34 9_34	Arco Oil and Gas
9	35 9_35	Arco Oil and Gas
9	36 9_36	Arco Oil and Gas
9	37 9_37	Arco Oil and Gas
9	38 9_38	Arco Oil and Gas
9	39 9_39	Arco Oil and Gas
9	4 9_4	Action Oil Company
9	40 9_40	Arco Oil and Gas
9	41 9_41	Arco Oil and Gas
9	42 9_42	Arco Oil and Gas
9	43 9_43	Arco Oil and Gas
9	44 9_44	Arco Oil and Gas
9	45 9_45	Arco Oil and Gas
9	46 9_46	Arco Oil and Gas
9	47 9_47	Arco Oil and Gas
9	48 9_48	Arco Oil and Gas
9	49 9_49	Arco Oil and Gas
9	5 9_5	N/A
9	50 9_50	Arco Oil and Gas
9	51 9_51	Arco Oil and Gas
9	52 9_52	Arco Oil and Gas
9	53 9_53	Arco Oil and Gas

Oil & Gas	I	194
Oil & Gas	I	27
Oil & Gas	I	94
Oil & Gas	I	69
Oil & Gas	I	271
Oil & Gas	I	21

	I	King Kong #5
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Oil & Gas	I	10
Oil & Gas	I	23
Oil & Gas	I	122
Oil & Gas	I	14
Oil & Gas	I	19
Oil & Gas	I	82
Oil & Gas	I	150
Oil & Gas	I	169
Oil & Gas	I	11
Oil & Gas	I	192

	I	John Lyddon #1
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Oil & Gas	I	12
Oil & Gas	I	162
Oil & Gas	I	96
Oil & Gas	I	97

II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo

IID			NM	Section 4, T30N, R17W
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II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo

II			NV	Section 35, T9N-R57E, M.D.B. & M.
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II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo

36.859274415	-108.505665171		125.6 Acres	1/4 mile radius	
36.8521224714	-108.558836303		125.6 Acres	1/4 mile radius	
36.8992223071	-108.603999164		125.6 Acres	1/4 mile radius	
36.9064714426	-108.604003022		125.6 Acres	1/4 mile radius	
36.8305403015	-108.514538262		125.6 Acres	1/4 mile radius	
36.8666064577	-108.540791282		125.6 Acres	1/4 mile radius	
		Lat/Lon represents			
36.8431935923	-108.637797429	centroid of PLSS area	125.6 Acres	1/4 mile radius	1,064
36.8738745057	-108.558833254		125.6 Acres	1/4 mile radius	
36.8738743304	-108.549811332		125.6 Acres	1/4 mile radius	
36.8702406687	-108.581396331		125.6 Acres	1/4 mile radius	
36.8521177169	-108.549816994		125.6 Acres	1/4 mile radius	
36.8702538133	-108.572365602		125.6 Acres	1/4 mile radius	
36.8956022275	-108.585918316		125.6 Acres	1/4 mile radius	
36.8774146816	-108.519205664		125.6 Acres	1/4 mile radius	
36.8665238814	-108.523710328		125.6 Acres	1/4 mile radius	
36.870245947	-108.554322921		125.6 Acres	1/4 mile radius	
36.8592745212	-108.514685667		125.6 Acres	1/4 mile radius	
		Lat/Lon represents			
38.5963981672	-115.533273526	centroid of PLSS area	125.6 Acres	1/4 mile radius	
36.8738743304	-108.549811332		125.6 Acres	1/4 mile radius	
36.870155857	-108.51920212		125.6 Acres	1/4 mile radius	
36.8847165171	-108.594952413		125.6 Acres	1/4 mile radius	
36.884719565	-108.590433731		125.6 Acres	1/4 mile radius	

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40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH

40 CFR 146.4(a); 40 CFR 146.4(b)	regional spreadsheet
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH

40 CFR 146.4(a); 40 CFR 146.4(b)	Status: Plugged & Abandoned	regional spreadsheet
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH

9	54 9_54	Arco Oil and Gas
9	55 9_55	Arco Oil and Gas
9	56 9_56	Arco Oil and Gas
9	57 9_57	Arco Oil and Gas
9	58 9_58	Arco Oil and Gas
9	59 9_59	Arco Oil and Gas
9	6 9_6	N/A
9	60 9_60	Arco Oil and Gas
9	61 9_61	Arco Oil and Gas
9	62 9_62	Arco Oil and Gas
9	63 9_63	Arco Oil and Gas
9	64 9_64	Arco Oil and Gas
9	65 9_65	Arco Oil and Gas
9	66 9_66	Arco Oil and Gas
9	67 9_67	Arco Oil and Gas
9	68 9_68	Arco Oil and Gas
9	69 9_69	Arco Oil and Gas
9	7 9_7	Harper Oil Company
9	70 9_70	Arco Oil and Gas
9	71 9_71	Arco Oil and Gas
9	72 9_72	Arco Oil and Gas
9	73 9_73	Arco Oil and Gas

Oil & Gas	I	232
Oil & Gas	I	30
Oil & Gas	I	207
Oil & Gas	I	20
Oil & Gas	I	152
Oil & Gas	I	201
	I	Draycutt Corporation #45
Oil & Gas	I	236
Oil & Gas	I	213
Oil & Gas	I	9
Oil & Gas	I	175
Oil & Gas	I	6
Oil & Gas	I	264
Oil & Gas	I	242
Oil & Gas	I	250
Oil & Gas	I	66
Oil & Gas	I	67
	I	Trap Spring #13
Oil & Gas	I	178
Oil & Gas	I	99
Oil & Gas	I	148
Oil & Gas	I	89

II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II			NV	Section 36, T9N-R57E, M.D.B. & M.
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II			NV	Section 26, T9N, R56E, M.D.B. & M.
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo

36.8450881068	-108.532278157		125.6 Acres	1/4 mile radius
36.8630037124	-108.572365542		125.6 Acres	1/4 mile radius
36.8556482066	-108.492123383		125.6 Acres	1/4 mile radius
36.8593565722	-108.540794415		125.6 Acres	1/4 mile radius
36.8774085427	-108.532742739		125.6 Acres	1/4 mile radius
36.8628993295	-108.514687877		125.6 Acres	1/4 mile radius
		Lat/Lon represents		
38.5965549266	-115.514920465	centroid of PLSS area	125.6 Acres	1/4 mile radius
36.8449862333	-108.514647083		125.6 Acres	1/4 mile radius
36.852076319	-108.514681808		125.6 Acres	1/4 mile radius
36.8775020451	-108.56334374		125.6 Acres	1/4 mile radius
36.8665246745	-108.496647934		125.6 Acres	1/4 mile radius
36.8702499627	-108.563344431		125.6 Acres	1/4 mile radius
36.8305876159	-108.53233728		125.6 Acres	1/4 mile radius
36.8412513436	-108.535718909		125.6 Acres	1/4 mile radius
36.8413417341	-108.501098358		125.6 Acres	1/4 mile radius
36.8629754448	-108.536399833		125.6 Acres	1/4 mile radius
36.9064740375	-108.613040349		125.6 Acres	1/4 mile radius
		Lat/Lon represents		
38.6116301297	-115.643679318	centroid of PLSS area	125.6 Acres	1/4 mile radius
36.8629100234	-108.52817322		125.6 Acres	1/4 mile radius
36.8847389237	-108.581398347		125.6 Acres	1/4 mile radius
36.8774166993	-108.528228329		125.6 Acres	1/4 mile radius
36.8920015693	-108.572366271		125.6 Acres	1/4 mile radius

Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation Railroad Valley aquifer, Eagle Springs field	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation Railroad Valley aquifer, Trap Spring field	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale

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40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Status: Plugged & Abandoned	regional spreadsheet
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		regional spreadsheet
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH

9	74 9_74	Arco Oil and Gas
9	75 9_75	Arco Oil and Gas
9	76 9_76	Arco Oil and Gas
9	77 9_77	Arco Oil and Gas
9	78 9_78	Arco Oil and Gas
9	79 9_79	Arco Oil and Gas
9	8 9_8	Harper Oil Company
9	80 9_80	Arco Oil and Gas
9	81 9_81	Arco Oil and Gas
9	82 9_82	Arco Oil and Gas
9	83 9_83	Arco Oil and Gas
9	84 9_84	Arco Oil and Gas
9	85 9_85	Arco Oil and Gas
9	86 9_86	Arco Oil and Gas
9	87 9_87	Arco Oil and Gas
9	88 9_88	Arco Oil and Gas
9	89 9_89	Arco Oil and Gas
9	9 9_9	Western Avenue Properties
9	90 9_90	Arco Oil and Gas
9	91 9_91	Arco Oil and Gas
9	92 9_92	Arco Oil and Gas
9	93 9_93	Arco Oil and Gas

Oil & Gas	I	244
Oil & Gas	I	115
Oil & Gas	I	118
Oil & Gas	I	253
Oil & Gas	I	101
Oil & Gas	I	22
	I	Trap Spring #20X
Oil & Gas	I	184
Oil & Gas	I	25
Oil & Gas	I	95
Oil & Gas	I	4
Oil & Gas	I	107
Oil & Gas	I	154
Oil & Gas	I	186
Oil & Gas	I	139
Oil & Gas	I	160
Oil & Gas	I	211
	I	Munson Ranch #24-3
Oil & Gas	I	128
Oil & Gas	I	156
Oil & Gas	I	217
Oil & Gas	I	265

II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II			NV	Section 22, T9N, R56E, M.D.B. & M.
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II			NV	Section 24, T9N, R56E, M.D.B. & M.
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo
II	Oil and gas extraction	EOR	NM	Navajo

36.8414311147	-108.527869301		125.6 Acres	1/4 mile radius
36.8811309419	-108.54980998		125.6 Acres	1/4 mile radius
36.8774899098	-108.581397296		125.6 Acres	1/4 mile radius
36.8378401225	-108.532307536		125.6 Acres	1/4 mile radius
36.884752926	-108.572366021		125.6 Acres	1/4 mile radius
36.8557379449	-108.545306024		125.6 Acres	1/4 mile radius
		Lat/Lon represents		
38.6264493384	-115.662006583	centroid of PLSS area	125.6 Acres	1/4 mile radius
36.8628992623	-108.501156416		125.6 Acres	1/4 mile radius
36.8738747713	-108.540789485		125.6 Acres	1/4 mile radius
36.8883768097	-108.567854374		125.6 Acres	1/4 mile radius
36.8629919978	-108.554324609		125.6 Acres	1/4 mile radius
36.8811048226	-108.585915306		125.6 Acres	1/4 mile radius
36.873782287	-108.523715267		125.6 Acres	1/4 mile radius
36.862898529	-108.492133923		125.6 Acres	1/4 mile radius
36.9246162112	-108.54979546		125.6 Acres	1/4 mile radius
36.8701418588	-108.528222976		125.6 Acres	1/4 mile radius
36.8521058136	-108.523581736		125.6 Acres	1/4 mile radius
		Lat/Lon represents		
38.6260579047	-115.624914469	centroid of PLSS area	125.6 Acres	1/4 mile radius
36.8485341274	-108.545328372		125.6 Acres	1/4 mile radius
36.8737834923	-108.514693697		125.6 Acres	1/4 mile radius
36.8520753215	-108.496632332		125.6 Acres	1/4 mile radius
36.8341835583	-108.518951171		125.6 Acres	1/4 mile radius

Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation Railroad Valley aquifer, Trap Spring field	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation Railroad Valley aquifer, Trap Spring field	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale

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40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	regional spreadsheet
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	regional spreadsheet
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)	Part 147, Subpart HHH

9 94 9_94 Arco Oil and Gas

9 95 9_95 Arco Oil and Gas

9 96 9_96 Arco Oil and Gas

9 97 9_97 Arco Oil and Gas

9 98 9_98 Arco Oil and Gas

9 99 9_99 Arco Oil and Gas

9 308 9_308 Standard Oil Co of Calif/Thornton, West, Walnut-Grove
Gas Field

9 309 9_309 Standard Oil Co of Calif/Thornton, West, Walnut-Grove
Gas Field

9 310 9_310 Getty Oil Co/Todhunters Lake Gas Field

9 311 9_311 Getty Oil Co/Todhunters Lake Gas Field

9 482 9_482 Shell Oil Co./Vallecitos Oil Field

Oil & Gas	I	143
Oil & Gas	I	87
Oil & Gas	I	15
Oil & Gas	I	215
Oil & Gas	I	145
Oil & Gas	I	173

Oil and gas	McCormack-Williamson 9
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Oil and gas	McCormack-Williamson 9
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Oil and gas	I.O.C 2
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Oil and gas	I.O.C 2
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Oil and gas	Ortiz 48-24
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II	Oil and gas extraction	EOR	NM		Navajo
II	Oil and gas extraction	EOR	NM		Navajo
II	Oil and gas extraction	EOR	NM		Navajo
II	Oil and gas extraction	EOR	NM		Navajo
II	Oil and gas extraction	EOR	NM		Navajo
II	Oil and gas extraction	EOR	NM		Navajo

IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R4E Sec. 25
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IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R4E Sec. 25
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IIR	oil and gas extraction	EOR	CA	Yolo	T9N R3E Sec. 33
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IIR	oil and gas extraction	EOR	CA	Yolo	T9N R3E Sec. 33
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IIR	oil and gas extraction	EOR	CA	San Benito	T16S R10E Sec. 24
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36.8846749209	-108.532743041	125.6 Acres	1/4 mile radius
36.8919874465	-108.5813994	125.6 Acres	1/4 mile radius
36.855744185	-108.554325978	125.6 Acres	1/4 mile radius
36.8520789003	-108.505661685	125.6 Acres	1/4 mile radius
36.8810492985	-108.528229315	125.6 Acres	1/4 mile radius
36.8665255325	-108.505669272	125.6 Acres	1/4 mile radius

640 Acres	1 Section	4240
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640 Acres	1 Section	4420
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38.5823960705	-121.647560724	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3100
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38.5823960705	-121.647560724	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3200
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36.5239473116	-120.830707365	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	80-759
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Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale
Gallup Formation	Sandstone, siltstone, shale

feet	Meganos-Martinez	35	Sandstone
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feet	Meganos-Martinez	25	Sandstone
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feet	Meganos-Martinez	30	Sandstone
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feet	Meganos-Martinez	60	Sandstone
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feet	Martinez	80	Shale
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40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH
40 CFR 146.4(a); 40 CFR 146.4(b)		Part 147, Subpart HHH California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

- 9 483 9_483 Union Oil Co./Mountain View Oil Field
- 9 484 9_484 Ferguson & Bosworth/Mountain View Oil Field
- 9 485 9_485 Union Oil Co./Rosedale Oil Field
- 9 486 9_486 Union Oil Co./Rosedale Oil Field
- 9 487 9_487 Tenneco West, Inc./Rosedale Oil Field
- 9 488 9_488 Exxon Corp./Rosedale Oil Field
- 9 312 9_312 Atlantic Oil Co/Winchester Lake Gas Field

Oil and gas

Stenderup 55X-21

Oil and gas

Union-Signal Tipton-
Stockton 57-34

Oil and gas

Smith 34X-23

Oil and gas

Smith 34X-23

Oil and gas

KCL 53-14

Oil and gas

William H. Cornelson et ux
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Oil and gas

Dwyer 1

IIR	oil and gas extraction	EOR	CA	Kern	T31S R29E Sec. 21
IIR	oil and gas extraction	EOR	CA	Kern	T31S R29E Sec. 34
IIR	oil and gas extraction	EOR	CA	Kern	T29S R26E Sec. 23
IIR	oil and gas extraction	EOR	CA	Kern	T29S R26E Sec. 23
IIR	oil and gas extraction	EOR	CA	Kern	T29S R26E Sec. 14
IIR	oil and gas extraction	EOR	CA	Kern	T29S R26E Sec. 26
IIR	oil and gas extraction	EOR	CA	Yolo	T7N R4E Sec. 9

35.2161641849	-118.869192953	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	9600
35.1871337424	-118.851037522	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8400
35.3907050787	-119.154443464	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5600
35.3907050787	-119.154443464	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7500
35.4052045673	-119.154418683	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6900
35.3762332275	-119.154414873	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5800- 6100
38.445145254	-121.504302484	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3150

feet	Fruitvale	200	Shale
feet	Fruitvale	100	Shale
feet	Fruitvale	10-50	Shale
feet	Fruitvale	25	Shale
feet	Fruitvale	120	Shale
feet	Fruitvale	20-60	Shale
feet	Meganos-Martinez	10	Sandstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

9 313 9_313 Atlantic Oil Co/Winchester Lake Gas Field

9 314 9_314 Atlantic Oil Co/Winchester Lake Gas Field

9 210 9_210 Standard Oil Co of Calif/Rio Vista Gas Field

9 211 9_211 Chevron USA Inc/Ryer Island Gas Field

9 212 9_212 Standard Oil Co of Calif/Suisun Bay Gas Field

9 213 9_213 Standard Oil Co of Calif/Thornton, West, Walnut-Grove
Gas Field

9 214 9_214 The Thermo Co/Willow Pass Gas Field

Oil and gas

Dwyer 1

Oil and gas

Dwyer 1

Oil and gas

Peter Cook 15

Oil and gas

Ryer 1

Oil and gas

Suisun Community 16

Oil and gas

McCormack-Williamson 9

Oil and gas

Neustaedter 1

IIR	oil and gas extraction	EOR	CA	Yolo	T7N R4E Sec. 9
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IIR	oil and gas extraction	EOR	CA	Yolo	T7N R4E Sec. 9
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IIR	oil and gas extraction	EOR	CA	Contra Costa, Sacramento, and Solano	T4N R3E Sec. 8
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IIR	oil and gas extraction	EOR	CA	Solano	T3N R1W Sec. 30
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IIR	oil and gas extraction	EOR	CA	Solano	T3N R1W Sec. 4
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IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R4E Sec. 25
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IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R1W Sec. 16
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38.445145254	-121.504302484	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3320
38.445145254	-121.504302484	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3380
			640 Acres	1 Section	3800- 4300
38.1049289471	-120.871477467	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4750
38.1049289471	-120.871477467	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4150
			640 Acres	1 Section	2880
38.018966875	-121.978576672	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1800

feet	Meganos-Martinez	15	Sandstone
feet	Meganos-Martinez	10	Sandstone
feet	Domengine	40-315	Sandstone
feet	Domengine	200	Sandstone
feet	Domengine	65	Sandstone
feet	Domengine	25	Sandstone
feet	Domengine	50	Sandstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
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9 215 9_215 General Crude Oil Co, Oper/Butte Sink Gas Field

9 216 9_216 Occidental Pet Corp/Arbuckle Gas Field

9 1258 9_1258

9 1259 9_1259

9 1260 9_1260

9 1261 9_1261

9 1262 9_1262

Oil and gas

Capital Co Delta Farms 1

Oil and gas

Arbuckle Section 4 Unit 1 1

Oil and gas

Belmont Offshore Field

Oil and gas

Huntington Beach

Oil and gas

Sawtelle

Oil and gas

Seal Beach

Oil and gas

Wilmington Fault, Block II,
III, IV, V

IIR	oil and gas extraction	EOR	CA	Colusa and Sutter	T16N R1W Sec. 23
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IIR	oil and gas extraction	EOR	CA	Colusa	T13N R2W Sec. 4
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IID	oil and gas extraction	brine disposal	CA		
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IID	oil and gas extraction	brine disposal	CA		
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IID	oil and gas extraction	brine disposal	CA		
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IID	oil and gas extraction	brine disposal	CA		
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IID	oil and gas extraction	brine disposal	CA		
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39.2235479436	-121.939114083	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1015
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39.0059062845	-122.088465934	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4430- 7150
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2560 Acres	4 Sections	2670
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11520 Acres	18 Sections	70
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34.1050385375	-118.420399949	Lat/Lon represents centroid of PLSS area	640 Acres	1 Sections	3120
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3840 Acres	6 Sections	3860
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17920 Acres	28 Sections	80
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feet	Domengine-lone (Undiff)	10	Sandstone
feet	Forbes	5-90	Sandstone
feet	Repetto	340-640	Sandstone
feet	Lakewood	100	Sandstone
feet	Puente	988	Sandstone
feet	Repetto	620	Sandstone
feet	Gaspur aquifer	100	

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9 1267 9_1267

9 1268 9_1268

9 1269 9_1269

Oil and gas

Ramona

Oil and gas

So. Tapo Canyon

Oil and gas

Oat Mountain

Oil and gas

Simi

Oil and gas

Guadalupe

Oil and gas

Lompoc

Oil and gas

Russell Ranch

IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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34.4314768775	-118.711581284	Lat/Lon represents centroid of PLSS area	1280 Acres	2 Sections	153
34.3741132356	-118.805833207	Lat/Lon represents centroid of PLSS area	1280 Acres	2 Sections	829
34.3311330532	-118.597966457	Lat/Lon represents centroid of PLSS area	640 Acres	1 Sections	1143
34.3385353446	-118.634316448	Lat/Lon represents centroid of PLSS area	7680 Acres	12 Sections	347
34.9095737528	-120.658239048	Lat/Lon represents centroid of PLSS area	5120 Acres	8 Sections	-4100; - 5700
34.7196391504	-120.462400891	Lat/Lon represents centroid of PLSS area	8320 Acres	13 Sections	-2700; - 1500
34.9777380946	-119.806753306	Lat/Lon represents centroid of PLSS area	5120 Acres	8 Sections	100

feet	Pico marine strata basal sand	200	Sandstone
feet	Pico marine strata	70	Sandstone
feet		2200	Undiff. Marine strata
feet	Sespe nonmarine strata	400	Sandstone
feet	Knoxville; Franciscan	750; 1000	Shale
feet	Lospe; Knoxville	150; 250	Sandstone and Siltstone
feet	Branch Canyon	400	Sandstone

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9 1274 9_1274

9 1275 9_1275

9 1276 9_1276

Oil and gas

San Ardo

Oil and gas

Santa Maria Valley

Oil and gas

Monroe Swell

Oil and gas

Point Conception

Oil and gas

Guadalupe

Oil and gas

Bellevue

Oil and gas

Bellevue, West

IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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35.9510367834	-120.849451489	Lat/Lon represents centroid of PLSS area	14080 Acres	22 Sections	-900; - 1200; - 1300
34.9441692568	-120.433290499	Lat/Lon represents centroid of PLSS area	36480 Acres	57 Sections	-1800
36.2552544812	-121.244352719	Lat/Lon represents centroid of PLSS area	2560 Acres	4 Sections	-800
			23040 Acres	36 Sections	-4500
35.3544223562	-119.16325993	Lat/Lon represents centroid of PLSS area	2560 Acres	4 Sections	3474
35.3616610856	-119.189885476	Lat/Lon represents centroid of PLSS area	640 Acres	1 Sections	2725 (Tulare) 4370 (Etchegoi n)

feet	Santa Margarita; Monterey "D" sand; Monterey "E" sand	100; 30; 100	sandstone
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feet	Lospe-Franciscan	800	Shale
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feet	Santa Margarita	150	Sandstone
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feet	Camino Cielo	450	Sandstone
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feet

feet	Etchegoin	128-477	Shale
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feet	Tulare-Etchegoin	75 (Tulare) 138-550 (Etchegoin)	Shale
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9 1281 9_1281

9 1282 9_1282

9 1283 9_1283

Oil and gas

Blackwells Corner

Oil and gas

Buena Vista

Oil and gas

Cal Canal

Oil and gas

Canfield Ranch

Oil and gas

Coles Levee, North

Oil and gas

Coles Levee, South

Oil and gas

Greeley

IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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35.6471919179	-119.970118771	Lat/Lon represents centroid of PLSS area	2560 Acres	4 Sections	1473
35.1840386844	-119.440421161	Lat/Lon represents centroid of PLSS area	31360 Acres	49 Sections	538
35.4437771943	-119.636480642	Lat/Lon represents centroid of PLSS area	3840 Acres	6 Sections	1505
35.2979132271	-119.149175077	Lat/Lon represents centroid of PLSS area	8320 Acres	13 Sections	3212
35.2893896123	-119.305794663	Lat/Lon represents centroid of PLSS area	10240 Acres	16 Sections	1470
35.2457658218	-119.288059536	Lat/Lon represents centroid of PLSS area	11520 Acres	18 Sections	2189
35.406726406	-119.220038307	Lat/Lon represents centroid of PLSS area	6400 Acres	10 Sections	2802

feet	Tumey	40	Shale
feet	Tulare	190-1111	Claystone and siltstone
feet	Tulare-San Joaquin	693	Claystone and siltstone
feet	Etchegoin	613-1530	Shale
feet	Tulare	434	Claystone and siltstone
feet	Tulare-San Joaquin	1171	Claystone and siltstone
feet	Etchegoin	260-2277	Shale

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9 1288 9_1288

9 1289 9_1289

9 1290 9_1290

Oil and gas

Kern Bluff

Oil and gas

Kern Front

Oil and gas

Kern River

Oil and gas

Lakeside

Oil and gas

Los Lobos

Oil and gas

Midway-Sunset

Oil and gas

Mount Poso

IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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35.411121405	-118.915980889	Lat/Lon represents centroid of PLSS area	3200 Acres	5 Sections	200; 4607
35.486576086	-119.049768245	Lat/Lon represents centroid of PLSS area	12800 Acres	20 Sections	2548
35.4541679654	-118.986346061	Lat/Lon represents centroid of PLSS area	17920 Acres	28 Sections	1100; 1698±; 4850
35.25986531	-119.163749808	Lat/Lon represents centroid of PLSS area	1280 Acres	2 Sections	3360
35.0182123904	-119.251023025	Lat/Lon represents centroid of PLSS area	3840 Acres	6 Sections	1950+
35.1393666906	-119.473019942	Lat/Lon represents centroid of PLSS area	70400 Acres	110 Sections	399
35.5905399698	-118.966675705	Lat/Lon represents centroid of PLSS area	29440 Acres	46 Sections	1939

feet	Kern River; Vedder	150; 166	Sandstone
feet	Santa Margarita	650	Sandstone
feet	Chanac; Santa Margarita; Vedder	568; 325-515; 136-375	Sandstone
feet	San Joaquin	30	Siltstone
feet	Tulare	1550+	Claystone and siltstone
feet		125-252	Alluvium
feet	Walker	656-661	Sandstone

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9 1292 9_1292

9 1293 9_1293

9 1294 9_1294

9 1295 9_1295

9 1296 9_1296

9 1297 9_1297

Oil and gas

Mountain View

Oil and gas

Pleito

Oil and gas

Poso Creek

Oil and gas

Rio Viejo

Oil and gas

Rosedale

Oil and gas

Round Mountain

Oil and gas

(Unknown Name)

IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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35.2500221006	-118.868496842	Lat/Lon represents centroid of PLSS area	19200 Acres	30 Sections	2680
35.0050292636	-119.073732568	Lat/Lon represents centroid of PLSS area	2560 Acres	4 Sections	2756; 3272
35.545151014	-119.073484566	Lat/Lon represents centroid of PLSS area	21760 Acres	34 Sections	3640
35.0840570691	-119.10943115	Lat/Lon represents centroid of PLSS area	1920 Acres	3 Sections	5400
35.3979727083	-119.163301279	Lat/Lon represents centroid of PLSS area	2560 Acres	4 Sections	3767
35.4923115448	-118.927544459	Lat/Lon represents centroid of PLSS area	12160 Acres	19 Sections	450

feet	Kern River	1320+	Sandstone
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feet	Chanac; Kern River	634; 384	Sandstone
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feet	Vedder	95	Sandstone
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feet	San Joaquin	225	Siltstone
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feet	Etchegoin	181	Shale
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feet	Olcese	290-1050	Sandstone
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feet

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9 1299 9_1299

9 1300 9_1300

9 1301 9_1301

9 1302 9_1302

9 1303 9_1303

9 1304 9_1304

Oil and gas

Seventh Standard

Oil and gas

Strand

Oil and gas

Ten Section

Oil and gas

Burrel

Oil and gas

Southeast Burrel

Oil and gas

Coalinga

Oil and gas

Gill Ranch Gas

IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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35.434296109	-119.172061866	Lat/Lon represents centroid of PLSS area	640 Acres	1 Sections	3580
35.3380276041	-119.22329851	Lat/Lon represents centroid of PLSS area	5120 Acres	8 Sections	3015; 3090
35.2917935608	-119.216898212	Lat/Lon represents centroid of PLSS area	6400 Acres	10 Sections	2298
36.5005093387	-119.992747106	Lat/Lon represents centroid of PLSS area	1920 Acres	3 Sections	4500; 1650
36.4739817367	-119.950267856	Lat/Lon represents centroid of PLSS area	3840 Acres	6 Sections	1800
36.2183636735	-120.35782821	Lat/Lon represents centroid of PLSS area	50560 Acres	79 Sections	Sur to 1500; Sur to +500
36.7931957595	-120.251851956	Lat/Lon represents centroid of PLSS area	6400 Acres	10 Sections	2700

feet	Etchegoin	1101-1353	Shale
feet	Etchegoin; San Joaquin	70-355; 732	Shale and Siltstone
feet	San Joaquin	397-1027	Siltstone
feet	Santa Margarita; Tulare-Kern River Undiff nonmarine strata	575; 4700	sandstone/shale
feet	Tulare-Kern River Undiff nonmarine strata	4700	Sandstone
feet	Santa Margarita; Etchegoin-Jacalitos Undiff	0-150; 0-1500	Sandstone
feet	Zilch	550	Sandstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	Application for Primacy in the Regulation of Class II Injection Wells Under Section 1425 of the Safe Drinking Water Act. Appendix B - Exempter Aquifers
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	Application for Primacy in the Regulation of Class II Injection Wells Under Section 1425 of the Safe Drinking Water Act. Appendix B - Exempter Aquifers
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	Application for Primacy in the Regulation of Class II Injection Wells Under Section 1425 of the Safe Drinking Water Act. Appendix B - Exempter Aquifers
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	Application for Primacy in the Regulation of Class II Injection Wells Under Section 1425 of the Safe Drinking Water Act. Appendix B - Exempter Aquifers
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	Application for Primacy in the Regulation of Class II Injection Wells Under Section 1425 of the Safe Drinking Water Act. Appendix B - Exempter Aquifers
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	Application for Primacy in the Regulation of Class II Injection Wells Under Section 1425 of the Safe Drinking Water Act. Appendix B - Exempter Aquifers
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	Application for Primacy in the Regulation of Class II Injection Wells Under Section 1425 of the Safe Drinking Water Act. Appendix B - Exempter Aquifers

9 1305 9_1305

9 1306 9_1306

9 1307 9_1307

9 1308 9_1308

9 1309 9_1309

9 1310 9_1310

9 1311 9_1311

Oil and gas

Guijarral Hills

Oil and gas

Helm

Oil and gas

Jacalitos

Oil and gas

Kettleman North Dome

Oil and gas

Raisin City

Oil and gas

Riverdale

Oil and gas

San Joaquin

IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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36.1447160387	-120.207510934	Lat/Lon represents centroid of PLSS area	11520 Acres	18 Sections	1400
36.4636187753	-120.033149684	Lat/Lon represents centroid of PLSS area	17920 Acres	28 Sections	4600; 1800
36.0827953316	-120.346929026	Lat/Lon represents centroid of PLSS area	13440 Acres	21 Sections	<1000
36.0303675538	-120.083110123	Lat/Lon represents centroid of PLSS area	39040 Acres	61 Sections	1000
36.6280896908	-120.088610027	Lat/Lon represents centroid of PLSS area	7040 Acres	11 Sections	1800±
36.4407148178	-119.893307711	Lat/Lon represents centroid of PLSS area	8320 Acres	13 Sections	1625; 4500
36.5818901223	-120.142257319	Lat/Lon represents centroid of PLSS area	640 Acres	1 Sections	1300

feet	Etchegoin-Jacalitos Undiff	3300	Shale
feet	Santa Margarita; Tulare-Kern River Undiff nonmarine strata	400-700; ±3000	sandstone/shale
feet	Etchegoin-Jacalitos Undiff	<3000	Shale
feet	San Joaquin- Etchegoin	6500	Siltstone and Sandstone
feet		2200±	Undiff. nonmarine strata
feet	Undiff. nonmarine strata; Santa Margarita	4000; 4000	Sandstone
feet		800	Undiff. nonmarine strata

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	Application for Primacy in the Regulation of Class II Injection Wells Under Section 1425 of the Safe Drinking Water Act. Appendix B - Exempter Aquifers
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	Application for Primacy in the Regulation of Class II Injection Wells Under Section 1425 of the Safe Drinking Water Act. Appendix B - Exempter Aquifers
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	Application for Primacy in the Regulation of Class II Injection Wells Under Section 1425 of the Safe Drinking Water Act. Appendix B - Exempter Aquifers

9 1312 9_1312

9 1313 9_1313

9 1314 9_1314

9 1315 9_1315

9 1316 9_1316

9 1317 9_1317

9 1318 9_1318

Oil and gas

San Joaquin Northwest

Oil and gas

Turk Anticline

Oil and gas

Bunker Gas

Oil and gas

Grimes Gas

Oil and gas

Grimes, West, Gas

Oil and gas

La Honda (South Area)

Oil and gas

Lathrop Gas

IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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36.6079224963	-120.194227673	Lat/Lon represents centroid of PLSS area	3840 Acres	6 Sections	5000
36.4505727122	-120.274956281	Lat/Lon represents centroid of PLSS area	640 Acres	1 Sections	2650
38.3511715171	-121.795483347	Lat/Lon represents centroid of PLSS area	4480 Acres	7 Sections	2900- 3100
39.104912878	-121.111706969	Lat/Lon represents centroid of PLSS area	30080 Acres	47 Sections	3000- 4000
39.0717959808	-121.96502225	Lat/Lon represents centroid of PLSS area	7040 Acres	11 Sections	3300- 3800
37.3084462759	-122.282322713	Lat/Lon represents centroid of PLSS area	2560 Acres	4 Sections	1400- 2000
37.8264424811	-121.263032198	Lat/Lon represents centroid of PLSS area	5120 Acres	8 Sections	4000- 4500

feet	Basal McClure	40	Sandstone
feet	San Joaquin	400	Siltstone
feet		100	Undiff. nonmarine strata
feet	Kione	500	Sandstone
feet	Kione	600	Sandstone
feet	Vaqueros	250	Sandstone
feet	Starkey	100	Sandstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	Application for Primacy in the Regulation of Class II Injection Wells Under Section 1425 of the Safe Drinking Water Act. Appendix B - Exempter Aquifers
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9 1319 9_1319

9 1320 9_1320

9 1321 9_1321

9 1322 9_1322

9 1323 9_1323

9 192 9_192 Pacific-Western Apache Pet. Co/La Honda Oil Field

9 193 9_193 Standard Oil Co of Calif/Rio Vista Gas Field

Oil and gas

River Break Gas

Oil and gas

Roberts Island Gas

Oil and gas

Sutter Buttes Gas

Oil and gas

Union Island Gas

Oil and gas

Wild Goose Gas

Oil and gas

Burns-Texaco 1

Oil and gas

Peter Cook 15

IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IID	oil and gas extraction	brine disposal	CA
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IIR	oil and gas extraction	EOR	CA	San Mateo	T7S R4W Sec. 22
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IIR	oil and gas extraction	EOR	CA	Contra Costa, Sacramento, and Solano	T4N R3E Sec. 8
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37.9964305237	-121.714393032	Lat/Lon represents centroid of PLSS area	2560 Acres	4 Sections	4900- 5000
			7040 Acres	11 Sections	500-1000
39.1836251458	-121.8593694	Lat/Lon represents centroid of PLSS area	13440 Acres	21 Sections	1200- 2800
			6400 Acres	10 Sections	4500- 5300
39.3206773282	-121.888753322	Lat/Lon represents centroid of PLSS area	1920 Acres	3 Sections	1400- 1700
37.3089201869	-122.286113214	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2500
			640 Acres	1 Section	4500- 5100

feet	Capay	150	Shale
feet		>500	Undiff. nonmarine strata
feet	Kione	700	Sandstone
feet	Mokelumne River	500	Sandstone
feet		650	Undiff marine and lone
feet	Butano	30	Sandstone
feet	Capay	20-40	Shale

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	Application for Primacy in the Regulation of Class II Injection Wells Under Section 1425 of the Safe Drinking Water Act. Appendix B - Exempter Aquifers
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	Application for Primacy in the Regulation of Class II Injection Wells Under Section 1425 of the Safe Drinking Water Act. Appendix B - Exempter Aquifers California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

9 194 9_194 Standard Oil Co of Calif/Thornton, West, Walnut-Grove
Gas Field

9 195 9_195 Bo-Peep Eureka Oil Co/Petrolia Oil Field

9 196 9_196 Hershey Oil Corp/Livermore Oil Field

9 197 9_197 Standard Oil Co of Calif/Ryer Island Gas Field

9 198 9_198 Atlantic Oil Co/Sutter City Gas Field

9 199 9_199 Sun Oil Co/Willows-Beehive Bend Gas Field

9 200 9_200 Chevron USA Inc/Concord Gas Field

Oil and gas

McCormack-Williamson 9

Oil and gas

Bo-Peep 1

Oil and gas

Nissen 3

Oil and gas

Ryer 1

Oil and gas

Sutter Unit K 1

Oil and gas

Sunray-General Petroleum
Whyler-Wolcott Unit 1

Oil and gas

Boylan 1

IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R4E Sec. 25
IIR	oil and gas extraction	EOR	CA	Humboldt	T1S R2W Sec. 21
IIR	oil and gas extraction	EOR	CA	Alameda	T3S R3E Sec. 7
IIR	oil and gas extraction	EOR	CA	Solano	T3N R1W Sec. 30
IIR	oil and gas extraction	EOR	CA	Sutter	T15N R2E Sec. 30
IIR	oil and gas extraction	EOR	CA	Glenn	T19N R2W Sec. 11
IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R2W Sec. 24

640 Acres 1 Section 3280

40.3672348587 -124.299947467 Lat/Lon represents centroid of PLSS area 640 Acres 1 Section 1570

37.6870136562 -121.687399214 Lat/Lon represents centroid of PLSS area 640 Acres 1 Section 880-2000

38.1049289471 -120.871477467 Lat/Lon represents centroid of PLSS area 640 Acres 1 Section 4750

39.1207274051 -121.791058481 Lat/Lon represents centroid of PLSS area 640 Acres 1 Section 6160-6620

39.4903515587 -122.1206103 Lat/Lon represents centroid of PLSS area 640 Acres 1 Section 6700

38.0230075981 -119.773384573 Lat/Lon represents centroid of PLSS area 640 Acres 1 Section 1900

feet	Capay	3	Shale
feet	Capetown	90	Sandstone
feet	Cierbo	40-250	Sandstone
feet	Deomengine	200	Sandstone
feet	Dobbins	5-20	Shale
feet	Dobbins	30	Shale
feet	Domengine	17	Sandstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

9 201 9_201 Phillips Petroleum Co/Davis Southeast Gas Field

9 202 9_202 Amerada Hess Corp, Opr/Galt Gas Field

9 203 9_203 Amerada Hess Corp, Opr/Galt Gas Field

9 204 9_204 Sinco Oil Corp/Kirby Hill Gas Field

9 205 9_205 Arcady Oil Co/Liberty Cut Gas Field

9 206 9_206 Amerada Hess Corp, Unit Oper/Lodi Gas Field

9 207 9_207 E.C. Brown, Oper/Maine Prairie Gas Field

Oil and gas

Beltrami A 1

Oil and gas

Community 1-1

Oil and gas

Community 1-1

Oil and gas

Lambie 6

Oil and gas

Fahn 5

Oil and gas

LGZU D 201

Oil and gas

Signal-Hamberger 1

IIR	oil and gas extraction	EOR	CA	Solano and Yolo	T8N R2E Sec. 25
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IIR	oil and gas extraction	EOR	CA	San Joaquin	T4N R6E Sec. 1
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IIR	oil and gas extraction	EOR	CA	San Joaquin	T4N R6E Sec. 1
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IIR	oil and gas extraction	EOR	CA	Solano	T4N R1E Sec. 30
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IIR	oil and gas extraction	EOR	CA	Solano	T5N R3E Sec. 8
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IIR	oil and gas extraction	EOR	CA	San Joaquin	T4N R7E Sec. 10
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IIR	oil and gas extraction	EOR	CA	Solano	T6N R2E Sec. 36
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38.5097133477	-121.705298424	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3535
38.2256260477	-121.272569536	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2330
38.2256260477	-121.272569536	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2433
38.1928945435	-120.871731871	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1550- 2850
			640 Acres	1 Section	4130
38.2113821202	-121.198711921	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2280
38.3218196643	-121.702912347	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4148

feet	Domengine	5	Sandstone
feet	Domengine	15	Sandstone
feet	Domengine	5	Sandstone
feet	Domengine	130	Sandstone
feet	Domengine	15	Sandstone
feet	Domengine	25	Sandstone
feet	Domengine	6	Sandstone

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1885

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

9 208 9_208 Occidental Petroleum Corp/Mulligan Hill Gas Field

9 209 9_209 Occidental Petroleum Corp/Mulligan Hill Gas Field

9 217 9_217 Exxon Corp/Bounde Creek Gas Field

9 218 9_218 Exxon Corp/Bounde Creek Gas Field

9 219 9_219 Atlantic Oil Co/Butte Slough Gas Field

9 220 9_220 Buttes Gas & Oil Co/Chico Gas Field

9 221 9_221 Hunnicutt & Camp Drilling Co/Dunnigan Hills Gas Field

Oil and gas

Keller Estate 1

Oil and gas

Keller Estate 1

Oil and gas

Bounde Creek Opr Unit 1 1

Oil and gas

Bounde Creek Opr Unit 1 1

Oil and gas

Scott-Straub 1

Oil and gas

Estes 1

Oil and gas

A.M Richie 1

IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R1W Sec. 35
IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R1W Sec. 35
IIR	oil and gas extraction	EOR	CA	Colusa and Glenn	T18N R2W Sec. 13
IIR	oil and gas extraction	EOR	CA	Colusa and Glenn	T18N R2W Sec. 13
IIR	oil and gas extraction	EOR	CA	Colusa and Sutter	T15N R1W Sec. 1
IIR	oil and gas extraction	EOR	CA	Butte	T21N R1E Sec. 17
IIR	oil and gas extraction	EOR	CA	Yolo	T11N R1W Sec. 36

37.9774126923	-121.940436535	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1640
37.9774126923	-121.940436535	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1735
39.4068188733	-122.117205444	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4990
39.4068188733	-122.117205444	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5450
39.1804225955	-121.920984903	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5700- 7270
39.6733974896	-120.856638373	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4365
38.7581824757	-121.924013156	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8400

feet	Domengine	5	Sandstone
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feet	Domengine	30	Sandstone
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feet	Forbes	80	Sandstone
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feet	Forbes	265	Sandstone
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feet	Forbes	6-80	Sandstone
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feet	Forbes	20	Sandstone
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feet	Forbes	15	Sandstone
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

- 9 222 9_222 Mobil Oil Corp/Grimes Gas Field

- 9 223 9_223 Sun Oil Co/Kirkwood Gas Field

- 9 224 9_224 Gulf Oil Corp/Larkin, West, Gas Field

- 9 225 9_225 Mobil Oil Corp/Llano Seco Gas Field

- 9 226 9_226 Milon L Johnston/Poppy Ridge Gas Field

- 9 227 9_227 The Thermo Co/Rancho Capay Gas Field

- 9 228 9_228 Red Bluff Associates/Red Bank Creek Gas Field

Oil and gas

Grimes Operating Unit 7 3

Oil and gas

Tucker-Gay 1

Oil and gas

Capital Company 1

Oil and gas

Llano Seco 1

Oil and gas

Jillson 1

Oil and gas

Rancho Capay Unit 1 1

Oil and gas

Goff 1

IIR	oil and gas extraction	EOR	CA	Colusa and Sutter	T14N R1E Sec. 7
IIR	oil and gas extraction	EOR	CA	Tehama	T23N R3W Sec. 10
IIR	oil and gas extraction	EOR	CA	Glenn	T18N R2W Sec. 5
IIR	oil and gas extraction	EOR	CA	Butte and Glenn	T20N R1W Sec. 33
IIR	oil and gas extraction	EOR	CA	Sacramento	T6N R5E Sec. 9
IIR	oil and gas extraction	EOR	CA	Glenn	T22N R2W Sec. 4
IIR	oil and gas extraction	EOR	CA	Tehama	T26N R3W Sec. 4

39.0858176577	-121.89416459	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4900- 8800
39.8633918606	-122.188027982	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4020
39.4426113175	-122.106628294	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5933
39.5897337715	-120.851738547	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4550- 5200
38.386671718	-121.436110844	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7270
39.7452986073	-122.119149573	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4540- 5000
40.1413352441	-122.214936861	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4158

feet	Forbes	1-50	Sandstone
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feet	Forbes	30	Sandstone
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feet	Forbes	18	Sandstone
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feet	Forbes	5-20	Sandstone
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feet	Forbes	9	Sandstone
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feet	Forbes	1-30	Sandstone
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feet	Forbes	8	Sandstone
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6855	P	A	

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	P	A	

			3/14/1983
	P	A	

			3/14/1983
8226	P	A	

			3/14/1983
	P	A	

			3/14/1983
	P	A	

			3/14/1983
	P	A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

9 229 9_229 Buttes Gas & Oil Co/Sutter Buttes Gas Field

9 230 9_230 Atlantic Oil Co/Sutter City Gas Field

9 231 9_231 Occidental Pet Corp/West Butte Gas Field

9 232 9_232 Sun Oil Co/Willows-Beehive Bend Gas Field

9 233 9_233 Exxon Corp/Bounde Creek Gas Field

9 234 9_234 Delcalta International Corp/Nicolaus Gas Field

9 235 9_235 Sun Oil Co/Willows-Beehive Bend Gas Field

Oil and gas

Buttes 14

Oil and gas

Sutter Unit K 1

Oil and gas

Standard-Browning 2

Oil and gas

Sunray-General Petroleum
Whyler-Wolcott Unit 1

Oil and gas

Bounde Creek Opr Unit 1 1

Oil and gas

Osterli 3

Oil and gas

Sunray-General Petroleum
Whyler-Wolcott Unit 1

IIR	oil and gas extraction	EOR	CA	Sutter	T15N R1E Sec. 12
IIR	oil and gas extraction	EOR	CA	Sutter	T15N R2E Sec. 30
IIR	oil and gas extraction	EOR	CA	Sutter	T16N R1E Sec. 20
IIR	oil and gas extraction	EOR	CA	Glenn	T19N R2W Sec. 11
IIR	oil and gas extraction	EOR	CA	Colusa and Glenn	T18N R2W Sec. 13
IIR	oil and gas extraction	EOR	CA	Sutter	T12N R4E Sec. 31
IIR	oil and gas extraction	EOR	CA	Glenn	T19N R2W Sec. 11

39.1646732783	-121.808669893	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2100- 6000
39.1207274051	-121.791058481	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3950- 6830
39.2232338794	-121.88287971	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4260- 6500
39.4903515587	-122.1206103	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4420- 6400
39.4068188733	-122.117205444	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6965
38.8444211122	-121.571353275	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5700
39.4903515587	-122.1206103	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7275

feet	Forbes	1-60	Sandstone
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feet	Forbes	3-50	Sandstone
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feet	Forbes	8-50	Sandstone
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feet	Forbes	3-60	Sandstone
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feet	Guinda	35	Sandstone
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feet	Guinda	15	Sandstone
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feet	Guinda	70	Sandstone
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

- 9 236 9_236 Shell Oil/Afton, South, Gas Field
- 9 237 9_237 General Crude Oil Co, Oper/Butte Sink Gas Field
- 9 238 9_238 General Crude Oil Co, Oper/Butte Sink Gas Field
- 9 239 9_239 General Crude Oil Co, Oper/Butte Sink Gas Field
- 9 240 9_240 General Crude Oil Co, Oper/Butte Sink Gas Field
- 9 241 9_241 General Crude Oil Co, Oper/Butte Sink Gas Field
- 9 242 9_242 Atlantic Oil Co/Butte Slough Gas Field

Oil and gas

Cecil 1-9

Oil and gas

Capital Co Delta Farms 1

Oil and gas

Capital Co Delta Farms 1

Oil and gas

Capital Co Delta Farms 1

Oil and gas

Capital Co Delta Farms 1

Oil and gas

Capital Co Delta Farms 1

Oil and gas

Scott-Straub 1

IIR	oil and gas extraction	EOR	CA	Glenn	T18N R1W Sec. 9
IIR	oil and gas extraction	EOR	CA	Colusa and Sutter	T16N R1W Sec. 23
IIR	oil and gas extraction	EOR	CA	Colusa and Sutter	T16N R1W Sec. 23
IIR	oil and gas extraction	EOR	CA	Colusa and Sutter	T16N R1W Sec. 23
IIR	oil and gas extraction	EOR	CA	Colusa and Sutter	T16N R1W Sec. 23
IIR	oil and gas extraction	EOR	CA	Colusa and Sutter	T16N R1W Sec. 23
IIR	oil and gas extraction	EOR	CA	Colusa and Sutter	T15N R1W Sec. 1

39.4273869031	-121.976300184	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2735
39.2235479436	-121.939114083	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1600
39.2235479436	-121.939114083	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1950
39.2235479436	-121.939114083	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2000
39.2235479436	-121.939114083	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2600
39.2235479436	-121.939114083	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2650
39.1804225955	-121.920984903	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1815

feet	Kione	15	Sandstone
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feet	Kione	20	Sandstone
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feet	Kione	20	Sandstone
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feet	Kione	80	Sandstone
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feet	Kione	20	Sandstone
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feet	Kione	15	Sandstone
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feet	Kione	35	Sandstone
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P A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

9 243 9_243 Shell Oil Co/Compton Landing, South, Gas Field

9 244 9_244 Shell Oil Co/Compton Landing, South, Gas Field

9 245 9_245 Northern Counties Petroleum Co/Corning, South, Gas
Field

9 246 9_246 Sun Oil Co/Kirkwood Gas Field

9 247 9_247 Mobil Oil Corp/Llano Seco Gas Field

9 248 9_248 Mobil Oil Corp/Llano Seco Gas Field

9 249 9_249 Colorado Oil and Gas Corp/Moon Bend Gas Field

Oil and gas

Transamerica 1-22

Oil and gas

Transamerica 1-22

Oil and gas

Ewers Mooney 1

Oil and gas

Tucker-Gay 1

Oil and gas

Llano Seco 1

Oil and gas

Llano Seco 1

Oil and gas

Great Basins - Davis 1-9

IIR	oil and gas extraction	EOR	CA	Colusa	T17N R2W Sec. 22
IIR	oil and gas extraction	EOR	CA	Colusa	T17N R2W Sec. 22
IIR	oil and gas extraction	EOR	CA	Tehama	T24N R3W Sec. 25
IIR	oil and gas extraction	EOR	CA	Tehama	T23N R3W Sec. 10
IIR	oil and gas extraction	EOR	CA	Butte and Glenn	T20N R1W Sec. 33
IIR	oil and gas extraction	EOR	CA	Butte and Glenn	T20N R1W Sec. 33
IIR	oil and gas extraction	EOR	CA	Colusa	T15N R1W Sec. 9

39.3118605264	-122.06942133	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2600
39.3118605264	-122.06942133	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2850
39.9061245911	-122.150684093	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2340
39.8633918606	-122.188027982	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2430
39.5897337715	-120.851738547	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3260
39.5897337715	-120.851738547	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3300
39.1632571854	-121.978317733	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1378

feet	Kione	50	Sandstone
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feet	Kione	15	Sandstone
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feet	Kione	20	Sandstone
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feet	Kione	40	Sandstone
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feet	Kione	12	Sandstone
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feet	Kione	5	Sandstone
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feet	Kione	27	Sandstone
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

- 9 250 9_250 Oxy Petroleum Inc/Orland Gas Field

- 9 251 9_251 Intex Oil Co/Princeton Gas Field

- 9 252 9_252 The Thermo Co/Rancho Capay Gas Field

- 9 253 9_253 Exxon Corp/Schohr Ranch Gas Field

- 9 254 9_254 Shell Oil Co/Stegeman Gas Field

- 9 255 9_255 Exxon Corp/Sycamore Gas Field

- 9 256 9_256 Exxon Corp/Wild Goose Gas Field

Oil and gas

Morrissey 1-12

Oil and gas

Capitol 1-30

Oil and gas

Rancho Capay Unit 1 1

Oil and gas

Elna B Schohr 2

Oil and gas

Thousand Acre Ranch 1 1

Oil and gas

O.P. Davis B-6

Oil and gas

Wild Goose Gas Unit 1 11

IIR	oil and gas extraction	EOR	CA	Glenn	T22N R3W Sec. 12
IIR	oil and gas extraction	EOR	CA	Colusa	T18N R1W Sec. 30
IIR	oil and gas extraction	EOR	CA	Glenn	T22N R2W Sec. 4
IIR	oil and gas extraction	EOR	CA	Butte	T18N R1E Sec. 14
IIR	oil and gas extraction	EOR	CA	Colusa	T17N R2W Sec. 1
IIR	oil and gas extraction	EOR	CA	Colusa and Sutter	T15N R1W Sec. 22
IIR	oil and gas extraction	EOR	CA	Butte and Colusa	T17N R1E Sec. 18

39.775979089	-122.150219448	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3010
39.3830022714	-122.006821482	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2170
39.7452986073	-122.119149573	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2580
39.4134286633	-121.826897556	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2570
39.3486016605	-122.025080737	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2490
39.1490165287	-120.849416971	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2750
39.3255491705	-121.90124328	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2400

feet	Kione	20	Sandstone
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feet	Kione	110	Sandstone
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feet	Kione	10	Sandstone
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feet	Kione	15	Sandstone
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feet	Kione	20	Sandstone
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feet	Kione	40	Sandstone
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feet	Kione	10	Sandstone
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

9 257 9_257 Exxon Corp/Wild Goose Gas Field

9 258 9_258 Sun Oil Co/Willows-Beehive Bend Gas Field

9 259 9_259 Sinco Oil Corp/Kirby Hill Gas Field

9 260 9_260 Standard Oil Co of Calif/Thornton, West, Walnut-Grove
Gas Field

9 261 9_261 Shoshone Oil Co/Greens Lake Gas Field

9 262 9_262 Amerada Hess Corp, Unit Opr/Thornton Gas Field

9 263 9_263 Amerada Hess Corp, Unit Opr/Thornton Gas Field

Oil and gas

Wild Goose Gas Unit 1 11

Oil and gas

Sunray-General Petroleum
Whyler-Wolcott Unit 1

Oil and gas

Lambie 6

Oil and gas

McCormack-Williamson 9

Oil and gas

Greens Lake Unit 1 2

Oil and gas

Capital Co 6

Oil and gas

Capital Co 6

IIR	oil and gas extraction	EOR	CA	Butte and Colusa	T17N R1E Sec. 18
IIR	oil and gas extraction	EOR	CA	Glenn	T19N R2W Sec. 11
IIR	oil and gas extraction	EOR	CA	Solano	T4N R1E Sec. 30
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R4E Sec. 25
IIR	oil and gas extraction	EOR	CA	Yolo	T8N R4E Sec. 19
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R5E Sec. 27
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R5E Sec. 27

39.3255491705	-121.90124328	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2850
39.4903515587	-122.1206103	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1930- 3650
38.1928945435	-120.871731871	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1100
			640 Acres	1 Section	2810
38.5206440452	-121.491089605	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3200
38.3038066135	-121.423173049	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2315
38.3038066135	-121.423173049	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2580

feet	Kione	30	Sandstone
feet	Kione	10-80	Sandstone
feet	Markley	30	Shale
feet	Markley	30	Shale
feet	Markley Gorge fill	40	Shale
feet	Markley- Nortonville	25	Shale
feet	Markley- Nortonville	15	Shale

3/14/1983

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8226

P A

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8569

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P A

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P A

3/14/1983

P A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

9 264 9_264 Shell Oil Co/Brentwood Oil Field

9 265 9_265 Shell Oil Co/Brentwood Oil Field

9 266 9_266 Shell Oil Co/Brentwood Oil Field

9 267 9_267 Shell Oil Co/Brentwood Oil Field

9 268 9_268 Shell Oil Co/Brentwood Oil Field

9 269 9_269 Amerada Hess Corp, Unit Oper/Bunker Gas Field

9 270 9_270 Amerada Hess Corp, Unit Oper/Bunker Gas Field

Oil and gas

Heidorn 2-4

Oil and gas

Heidorn 2-4

Oil and gas

Heidorn 2-4

Oil and gas

Heidorn 2-4

Oil and gas

Heidorn 2-4

Oil and gas

BGZU 702

Oil and gas

BGZU 702

IIR	oil and gas extraction	EOR	CA	Contra Costa	T1N R2E Sec. 4
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IIR	oil and gas extraction	EOR	CA	Contra Costa	T1N R2E Sec. 4
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IIR	oil and gas extraction	EOR	CA	Contra Costa	T1N R2E Sec. 4
-----	------------------------	-----	----	--------------	----------------

IIR	oil and gas extraction	EOR	CA	Contra Costa	T1N R2E Sec. 4
-----	------------------------	-----	----	--------------	----------------

IIR	oil and gas extraction	EOR	CA	Contra Costa	T1N R2E Sec. 4
-----	------------------------	-----	----	--------------	----------------

IIR	oil and gas extraction	EOR	CA	Solano	T6N R2E Sec. 19
-----	------------------------	-----	----	--------	-----------------

IIR	oil and gas extraction	EOR	CA	Solano	T6N R2E Sec. 19
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37.9614936495	-121.759966762	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3770
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37.9614936495	-121.759966762	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3520
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37.9614936495	-121.759966762	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3570
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37.9614936495	-121.759966762	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3600
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37.9614936495	-121.759966762	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3770
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38.3512291471	-121.795543392	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6780
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38.3512291471	-121.795543392	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6845
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feet	Martinez	80	Shale
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feet	Martinez	34	Shale
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feet	Martinez	20	Shale
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feet	Martinez	250	Shale
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feet	Martinez	95	Shale
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feet	Martinez	15	Shale
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feet	Martinez	25	Shale
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			3/14/1983
2828		P A	
			3/14/1983
8997		P A	
			3/14/1983
		P A	
			3/14/1983
1028		P A	
			3/14/1983
428		P A	
			3/14/1983
69		P A	
			3/14/1983
34		P A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

- 9 271 9_271 Getty Oil Co/Denveron Gas Field

- 9 272 9_272 Mobil Oil Corp/Denverton Creek Gas Field

- 9 273 9_273 Mobil Oil Corp/Denverton Creek Gas Field

- 9 274 9_274 Signal Oil and Gas Co, Oper/Dutch Slough Gas Field

- 9 275 9_275 Signal Oil and Gas Co, Oper/Dutch Slough Gas Field

- 9 276 9_276 Signal Oil and Gas Co, Oper/Dutch Slough Gas Field

- 9 277 9_277 Signal Oil and Gas Co, Oper/Dutch Slough Gas Field

Oil and gas

McCormack Estate 1

Oil and gas

Trojan Powder Co 1

Oil and gas

Trojan Powder Co 1

Oil and gas

Tract 1 1-7

Oil and gas

Tract 1 1-7

Oil and gas

Tract 1 1-7

Oil and gas

Tract 1 1-7

IIR	oil and gas extraction	EOR	CA	Solano	T5N R1W Sec. 36
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IIR	oil and gas extraction	EOR	CA	Solano	T5N R1E Sec. 33
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IIR	oil and gas extraction	EOR	CA	Solano	T5N R1E Sec. 33
-----	------------------------	-----	----	--------	-----------------

IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R3E Sec. 17
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IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R3E Sec. 17
-----	------------------------	-----	----	--------------	-----------------

IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R3E Sec. 17
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IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R3E Sec. 17
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38.2357163134	-121.924218397	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1425
38.2352630097	-121.870220129	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8585
38.2352630097	-121.870220129	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8930
38.0211027606	-118.671081688	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7000
38.0211027606	-118.671081688	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7200
38.0211027606	-118.671081688	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7300
38.0211027606	-118.671081688	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7400

feet	Martinez	25	Shale
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feet	Martinez	15	Shale
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feet	Martinez	35	Shale
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feet	Martinez	50	Shale
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feet	Martinez	50	Shale
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feet	Martinez	50	Shale
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feet	Martinez	95	Shale
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			3/14/1983
3085		P A	
			3/14/1983
1542		P A	
			3/14/1983
		P A	
			3/14/1983
		P A	
			3/14/1983
326		P A	
			3/14/1983
428		P A	
			3/14/1983
4627		P A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

9 278 9_278 Signal Oil and Gas Co, Oper/Dutch Slough Gas Field

9 279 9_279 Sinco Oil Corp/Kirby Hill Gas Field

9 280 9_280 Standard Oil Co of Calif/Lindsey Slough Gas Field

9 281 9_281 E.C. Brown, Oper/Maine Prairie Gas Field

9 282 9_282 Occidental Petroleum Corp/Oakley Gas Field

9 283 9_283 Gulf Oil Corp/River Break Gas Field

9 284 9_284 Gulf Oil Corp/River Break Gas Field

Oil and gas

Tract 1 1-7

Oil and gas

Lambie 6

Oil and gas

Peter Cook 16

Oil and gas

Signal-Hamberger 1

Oil and gas

Machado 1

Oil and gas

Porter Sesnon 1

Oil and gas

Porter Sesnon 1

IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R3E Sec. 17
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IIR	oil and gas extraction	EOR	CA	Solano	T4N R1E Sec. 30
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IIR	oil and gas extraction	EOR	CA	Solano	T4N R2E Sec. 10
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IIR	oil and gas extraction	EOR	CA	Solano	T6N R2E Sec. 36
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IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R3E Sec. 30
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IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R2E Sec. 25
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IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R2E Sec. 25
-----	------------------------	-----	----	--------------	-----------------

38.0211027606	-118.671081688	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8100
38.1928945435	-120.871731871	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2850- 5400
38.2054765159	-121.741585831	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6820
38.3218196643	-121.702912347	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5740
37.9905536383	-121.686648996	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7822
37.9905152497	-121.704891063	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5450
37.9905152497	-121.704891063	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5540

feet	Martinez	15	Shale
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feet	Martinez	150	Shale
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feet	Martinez	25	Shale
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feet	Martinez	25	Shale
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feet	Martinez	60	Shale
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feet	Martinez	40	Shale
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feet	Martinez	25	Shale
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			3/14/1983
1302	P	A	
			3/14/1983
7712	P	A	
			3/14/1983
857	P	A	
			3/14/1983
69	P	A	
			3/14/1983
7026	P	A	
			3/14/1983
4799	P	A	
			3/14/1983
	P	A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

- 9 285 9_285 Gulf Oil Corp/River Break Gas Field
- 9 286 9_286 Occidental Petroleum Corp/Sherman Island Gas Field
- 9 287 9_287 Shell Oil Co/Kirby Hill, North, Gas Field
- 9 288 9_288 Texaco Inc/Liberty Island Gas Field
- 9 289 9_289 Amerada Hess Corp, Unit Oper/Lodi Gas Field
- 9 290 9_290 E.C. Brown, Oper/Maine Prairie Gas Field
- 9 291 9_291 E.C. Brown, Oper/Maine Prairie Gas Field

Oil and gas

Porter Sesnon 1

Oil and gas

Upham 1

Oil and gas

Stewart 1

Oil and gas

Emigh 1

Oil and gas

LGZU D 201

Oil and gas

Signal-Hamberger 1

Oil and gas

Signal-Hamberger 1

IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R2E Sec. 25
IIR	oil and gas extraction	EOR	CA	Contra Costa, Sacramento, and Solano	T3N R2E Sec. 34
IIR	oil and gas extraction	EOR	CA	Solano	T4N R1E Sec. 7
IIR	oil and gas extraction	EOR	CA	Solano	T5N R3E Sec. 30
IIR	oil and gas extraction	EOR	CA	San Joaquin	T4N R7E Sec. 10
IIR	oil and gas extraction	EOR	CA	Solano	T6N R2E Sec. 36
IIR	oil and gas extraction	EOR	CA	Solano	T6N R2E Sec. 36

37.9905152497	-121.704891063	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5660
38.1086048235	-119.775349732	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6100
38.1928945435	-120.871731871	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3510
			640 Acres	1 Section	4725
38.2113821202	-121.198711921	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2515
38.3218196643	-121.702912347	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4740
38.3218196643	-121.702912347	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5935

feet	Martinez	60	Shale
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feet	Martinez	50	Shale
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feet	Meganos	40	Shale
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feet	Meganos	30	Shale
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feet	Meganos	35	Shale
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feet	Meganos	40	Shale
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feet	Meganos	20	Shale
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			3/14/1983
7026		P A	
			3/14/1983
10000		P A	
			3/14/1983
5484		P A	
			3/14/1983
7883		P A	
			3/14/1983
3428		P A	
			3/14/1983
5998		P A	
			3/14/1983
686		P A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

9	292 9_292	Gulf Oil Corp/River Break Gas Field
9	293 9_293	Standard Oil Co of Calif/Roberts Island Gas Field
9	294 9_294	Occidental Petroleum Corp/Sherman Island Gas Field
9	295 9_295	Amerada Hess Corp, Unit Opr/Thornton Gas Field
9	296 9_296	Standard Oil Co of Calif/Thornton, West, Walnut-Grove Gas Field
9	297 9_297	Buttes Resources Co/Conway Ranch Gas Field
9	298 9_298	Buttes Resources Co/Conway Ranch Gas Field

Oil and gas

Porter Sesnon 1

Oil and gas

Woods Community 2-5

Oil and gas

Upham 1

Oil and gas

Capital Co 6

Oil and gas

McCormack-Williamson 9

Oil and gas

Humble-Investment Opr Inc
2

Oil and gas

Humble-Investment Opr Inc
2

IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R2E Sec. 25
IIR	oil and gas extraction	EOR	CA	San Joaquin	T1N R5E Sec. 26
IIR	oil and gas extraction	EOR	CA	Contra Costa, Sacramento, and Solano	T3N R2E Sec. 34
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R5E Sec. 27
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R4E Sec. 25
IIR	oil and gas extraction	EOR	CA	Yolo	T9N R2E Sec. 1
IIR	oil and gas extraction	EOR	CA	Yolo	T9N R2E Sec. 1

37.9905152497	-121.704891063	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5015
			640 Acres	1 Section	5250
38.1086048235	-119.775349732	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5750
38.3038066135	-121.423173049	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3300
			640 Acres	1 Section	3680
38.6548942848	-121.700974909	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2900
38.6548942848	-121.700974909	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3000

feet	Meganos	30	Shale
feet	Meganos	10	Shale
feet	Meganos	75	Shale
feet	Meganos	30	Shale
feet	Meganos Gorge fill	15	Shale
feet	Meganos-Martinez	20	Sandstone
feet	Meganos-Martinez	30	Sandstone

3/14/1983

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1810

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9426

P A

3/14/1983

P A

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P A

3/14/1983

P A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

9 299 9_299 Centura Inc/Freemont Landing Gas Field

9 300 9_300 Amerada Hess Corp/Grand Island Gas Field

9 301 9_301 Shoshone Oil Co/Greens Lake Gas Field

9 302 9_302 VR Smith, Opr/Millar Gas Field

9 303 9_303 VR Smith, Opr/Millar Gas Field

9 304 9_304 Shell Oil Co/Rio Jesus Gas Field

9 305 9_305 Buttes Resources Co/Sacramento Airport Gas Field

Oil and gas

Deseret Farms 3

Oil and gas

Garin GU 1

Oil and gas

Greens Lake Unit 1 2

Oil and gas

Brady 1

Oil and gas

Brady 1

Oil and gas

Jesus-Maria 1

Oil and gas

Natomas 3

IIR	oil and gas extraction	EOR	CA	Yolo	T11N R3E Sec. 27
IIR	oil and gas extraction	EOR	CA	Sacramento	T5N R4E Sec. 29
IIR	oil and gas extraction	EOR	CA	Yolo	T8N R4E Sec. 19
IIR	oil and gas extraction	EOR	CA	Solano	T7N R2E Sec. 29
IIR	oil and gas extraction	EOR	CA	Solano	T7N R2E Sec. 29
IIR	oil and gas extraction	EOR	CA	Yolo	T10N R3E Sec. 4
IIR	oil and gas extraction	EOR	CA	Sacramento, Sutter, and Yolo	T10N R4E Sec. 6

38.8051256141	-121.623186817	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2320
			640 Acres	1 Section	4672
38.5206440452	-121.491089605	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3200
38.4237208923	-121.776949711	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5290
38.4237208923	-121.776949711	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5350
38.6895154532	-121.631522997	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2470
38.7464299527	-121.585702863	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2200

feet	Meganos-Martinez	25	Sandstone
feet	Meganos-Martinez	5	Sandstone
feet	Meganos-Martinez	110	Sandstone
feet	Meganos-Martinez	40	Sandstone
feet	Meganos-Martinez	65	Sandstone
feet	Meganos-Martinez	50	Sandstone
feet	Meganos-Martinez	23	Sandstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

9 306 9_306 Standard Oil Co of Calif/Thornton, West, Walnut-Grove
Gas Field

9 307 9_307 Standard Oil Co of Calif/Thornton, West, Walnut-Grove
Gas Field

9 315 9_315 Atlantic Oil Co/Winchester Lake Gas Field

9 316 9_316 Occidental Petroleum Corp/Sargent Oil Field

9 317 9_317 Occidental Petroleum Corp/Sargent Oil Field

9 318 9_318 Occidental Petroleum Corp/Sargent Oil Field

9 319 9_319 Shell Oil Co/Brentwood Oil Field

Oil and gas

McCormack-Williamson 9

Oil and gas

McCormack-Williamson 9

Oil and gas

Dwyer 1

Oil and gas

Sargent 1

Oil and gas

Sargent 1

Oil and gas

Sargent 1

Oil and gas

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IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R4E Sec. 25
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R4E Sec. 25
IIR	oil and gas extraction	EOR	CA	Yolo	T7N R4E Sec. 9
IIR	oil and gas extraction	EOR	CA	Santa Clara	T11S R3E Sec. 36
IIR	oil and gas extraction	EOR	CA	Santa Clara	T11S R3E Sec. 36
IIR	oil and gas extraction	EOR	CA	Santa Clara	T11S R3E Sec. 36
IIR	oil and gas extraction	EOR	CA	Contra Costa	T1N R2E Sec. 4

640 Acres	1 Section	4060
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640 Acres	1 Section	4130
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38.445145254	-121.504302484	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3680
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36.936888348	-121.590198009	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	850
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36.936888348	-121.590198009	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1000
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36.936888348	-121.590198009	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1100
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37.9614936495	-121.759966762	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4025
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feet	Meganos-Martinez	10	Sandstone
feet	Meganos-Martinez	25	Sandstone
feet	Meganos-Martinez	10	Sandstone
feet	Monterey	50	Shale
feet	Monterey	50	Shale
feet	Monterey	30	Shale
feet	Moreno	180	Shale

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

9 320 9_320 W.E. Strangman/Vernalis Gas Field

9 321 9_321 Chevron USA Inc/Concord Gas Field

9 322 9_322 Sinco Oil Corp/Kirby Hill Gas Field

9 323 9_323 Arcady Oil Co/Liberty Cut Gas Field

9 324 9_324 Shell Oil Co/Los Medanos Gas Field

9 325 9_325 Standard Oil Co of Calif/Rio Vista Gas Field

9 326 9_326 Chevron USA Inc/Ryer Island Gas Field

Oil and gas

Navarra 1

Oil and gas

Boylan 1

Oil and gas

Lambie 6

Oil and gas

Fahn 5

Oil and gas

Ginochio 3-7

Oil and gas

Peter Cook 15

Oil and gas

Ryer 1

IIR	oil and gas extraction	EOR	CA	San Joaquin and Stanislaus	T3S R6E Sec. 29
IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R2W Sec. 24
IIR	oil and gas extraction	EOR	CA	Solano	T4N R1E Sec. 30
IIR	oil and gas extraction	EOR	CA	Solano	T5N R3E Sec. 8
IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R1W Sec. 7
IIR	oil and gas extraction	EOR	CA	Contra Costa, Sacramento, and Solano	T4N R3E Sec. 8
IIR	oil and gas extraction	EOR	CA	Solano	T3N R1W Sec. 30

37.6454630782	-121.333587024	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3600
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38.0230075981	-119.773384573	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1650
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38.1928945435	-120.871731871	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1250- 2250
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640 Acres	1 Section	4060
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38.0336351607	-122.015576387	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1500- 4300
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640 Acres	1 Section	3700- 4200
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38.1049289471	-120.871477467	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4470
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feet	Moreno	40	Shale
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feet	Nortonville	20	Shale
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feet	Nortonville	35	Shale
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feet	Nortonville	10	Shale
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feet	Nortonville	40	Shale
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feet	Nortonville	25	Shale
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feet	Nortonville	60	Shale
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

- 9 327 9_327 Standard Oil Co of Calif/Ryer Island Gas Field
- 9 328 9_328 Occidental Petroleum Corp/Sherman Island Gas Field
- 9 345 9_345 Shell Oil Co/Petaluma Oil Field
- 9 346 9_346 Exxon Corp/Bounde Creek Gas Field
- 9 347 9_347 Exxon Corp/Perkins Lake Gas Field
- 9 348 9_348 Sun Oil Co/Willows-Beehive Bend Gas Field
- 9 349 9_349 Exxon Corp/Half Moon Bay Oil Field

Oil and gas

Ryer 1

Oil and gas

Upham 1

Oil and gas

Murphy 1

Oil and gas

Bounde Creek Opr Unit 1 1

Oil and gas

Parrott Investment Co B-6

Oil and gas

Sunray-General Petroleum
Whyler-Wolcott Unit 1

Oil and gas

Cowell 1

IIR	oil and gas extraction	EOR	CA	Solano	T3N R1W Sec. 30
IIR	oil and gas extraction	EOR	CA	Contra Costa, Sacramento, and Solano	T3N R2E Sec. 34
IIR	oil and gas extraction	EOR	CA	Sonoma	T5N R6W Sec. 19
IIR	oil and gas extraction	EOR	CA	Colusa and Glenn	T18N R2W Sec. 13
IIR	oil and gas extraction	EOR	CA	Butte	T20N R1W Sec. 16
IIR	oil and gas extraction	EOR	CA	Glenn	T19N R2W Sec. 11
IIR	oil and gas extraction	EOR	CA	San Mateo	T6S R5W Sec. 21

38.1049289471	-120.871477467	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4470
38.1086048235	-119.775349732	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4770
38.312366701	-122.466497926	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1240
39.4068188733	-122.117205444	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2840
39.5897337715	-120.851738547	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3400
39.4903515587	-122.1206103	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2045
37.4038837454	-122.414716229	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	800-3100

feet	Nortonville	60	Shale
feet	Nortonville	7	Shale
feet	Petaluma	20	Shale
feet	Princeton Gorge fill	30	Shale
feet	Princeton Gorge fill	10-130	Shale
feet	Princeton Gorge fill	25	Shale
feet	Purisima	NA	Sandstones

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120	P	A	

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	P	A

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4627	P	A

		3/14/1983
	P	A

		3/14/1983
4284	P	A

		3/14/1983
1710	P	A

		3/14/1983
	P	A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

- 9 350 9_350 Occidental Petroleum Corp/Sargent Oil Field

- 9 351 9_351 Occidental Petroleum Corp/Sargent Oil Field

- 9 352 9_352 Neaves Petroleum Developments/La Honda Oil Field

- 9 353 9_353 Texaco Inc/Table Bluff Gas Field

- 9 354 9_354 Division of Highways/Moody Gulch Oil Field

- 9 355 9_355 Division of Highways/Moody Gulch Oil Field

- 9 356 9_356 Division of Highways/Moody Gulch Oil Field

Oil and gas

Sargent 1

Oil and gas

Sargent 1

Oil and gas

Neaves-Union Oil Co. Lane
1

Oil and gas

Eureka 1

Oil and gas

Trigonia 1

Oil and gas

Trigonia 1

Oil and gas

Trigonia 1

IIR	oil and gas extraction	EOR	CA	Santa Clara	T11S R3E Sec. 36
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IIR	oil and gas extraction	EOR	CA	Santa Clara	T11S R3E Sec. 36
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IIR	oil and gas extraction	EOR	CA	San Mateo	T7S R4W Sec. 16
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IIR	oil and gas extraction	EOR	CA	Humboldt	T3N R2W Sec. 1
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IIR	oil and gas extraction	EOR	CA	Santa Clara	T9S R1W Sec. 8
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IIR	oil and gas extraction	EOR	CA	Santa Clara	T9S R1W Sec. 8
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IIR	oil and gas extraction	EOR	CA	Santa Clara	T9S R1W Sec. 8
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36.936888348	-121.590198009	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	300
36.936888348	-121.590198009	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	600
37.3190547921	-122.297276278	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1120
40.6023468843	-124.264563781	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2100- 4775
37.163492548	-121.994736023	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	330
37.163492548	-121.994736023	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	720
37.163492548	-121.994736023	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	930

feet	Purísima	75	Sandstones
feet	Purísima	130	Sandstones
feet	Purísima	30	Sandstones
feet	Rio Dell	1-40	Siltstones
feet	San Lorenzo	25	Shale
feet	San Lorenzo	35	Shale
feet	San Lorenzo	20	Shale

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

9	357 9_357	Standard Oil Co of Calif/Suisun Bay Gas Field
9	358 9_358	Buttes Resources Co/Conway Ranch Gas Field
9	359 9_359	Buttes Resources Co/Conway Ranch Gas Field
9	360 9_360	Chevron USA Inc/Crossroads Gas Fields
9	361 9_361	Mobil Oil Corp/Denverton Creek Gas Field
9	362 9_362	The Dow Chemical Co/Karnak Gas Field
9	363 9_363	VR Smith, Opr/Millar Gas Field

Oil and gas

Suisun Community 16

Oil and gas

Humble-Investment Opr Inc
2

Oil and gas

Humble-Investment Opr Inc
2

Oil and gas

U.C. Regents 1

Oil and gas

Trojan Powder Co 1

Oil and gas

Anderson Farms 1

Oil and gas

Brady 1

IIR	oil and gas extraction	EOR	CA	Solano	T3N R1W Sec. 4
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IIR	oil and gas extraction	EOR	CA	Yolo	T9N R2E Sec. 1
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IIR	oil and gas extraction	EOR	CA	Yolo	T9N R2E Sec. 1
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IIR	oil and gas extraction	EOR	CA	Yolo	T10N R2E Sec. 22
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IIR	oil and gas extraction	EOR	CA	Solano	T5N R1E Sec. 33
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IIR	oil and gas extraction	EOR	CA	Sutter	T11N R3E Sec. 16
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IIR	oil and gas extraction	EOR	CA	Solano	T7N R2E Sec. 29
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38.1049289471	-120.871477467	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	975
38.6548942848	-121.700974909	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3600
38.6548942848	-121.700974909	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4210
38.6949866085	-121.737263335	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4150
38.2352630097	-121.870220129	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	9890
38.8051256141	-121.623186817	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2400
38.4237208923	-121.776949711	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5665

feet	Sonoma Volcanics	25	volcanic
feet	Starkey	30	Sandstone
feet	Starkey	20	Sandstone
feet	Starkey	35	Sandstone
feet	Starkey	30	Sandstone
feet	Starkey	15	Sandstone
feet	Starkey	75	Sandstone

			3/14/1983
771	P	A	

		3/14/1983
P	A	

		3/14/1983
P	A	

		3/14/1983
P	A	

		3/14/1983
9940	P	A

		3/14/1983
P	A	

		3/14/1983
P	A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

9	329 9_329	Standard Oil Co of Calif/Suisun Bay Gas Field
9	330 9_330	Standard Oil Co of Calif/Thornton, West, Walnut-Grove Gas Field
9	331 9_331	Standard Oil Co of Calif/Van Sickle Island Gas Field
9	332 9_332	The Thermo Co/Willow Pass Gas Field
9	333 9_333	Bethlehem Steel Corp/Pinole Point Oil Field
9	334 9_334	Texaco Inc/Hospital Nose Gas Field
9	335 9_335	Great Basins Pet. Co/McMullin Gas Field

Oil and gas

Suisun Community 16

Oil and gas

McCormack-Williamson 9

Oil and gas

Feykert 1

Oil and gas

Neustaedter 1

Oil and gas

Bethlehem 1

Oil and gas

Hancock-Signal (NCT-1)
Wente 1

Oil and gas

Occidental-Whiting 66X-23

IIR	oil and gas extraction	EOR	CA	Solano	T3N R1W Sec. 4
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R4E Sec. 25
IIR	oil and gas extraction	EOR	CA	Solano	T3N R1E Sec. 32
IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R1W Sec. 16
IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R4W Sec. 19
IIR	oil and gas extraction	EOR	CA	Alameda	T3S R2E Sec. 27
IIR	oil and gas extraction	EOR	CA	San Joaquin	T2S R6E Sec. 23

38.1049289471	-120.871477467	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3650
			640 Acres	1 Section	2980
38.1049289471	-120.871477467	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6760
38.018966875	-121.978576672	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1500- 3100
38.0020510004	-122.34333329	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4350
37.6433762539	-121.737412544	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5070
37.7480049663	-121.319598081	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6005

feet	Nortonville	175	Shale
feet	Nortonville	3-6	Shale
feet	Nortonville	10	Shale
feet	Nortonville	35	Shale
feet	Orinda	75	Sandstone
feet	Panoche	110	Sandstone
feet	Panoche	2-15	Sandstone

			3/14/1983
	P	A	
			3/14/1983
5998	P	A	
			3/14/1983
	P	A	
			3/14/1983
	P	A	
			3/14/1983
	P	A	
			3/14/1983
514	P	A	
			3/14/1983
7883	P	A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

9 336 9_336 Amerada Hess Corp/Tracy Gas Field

9 337 9_337 W.E. Strangman/Vernalis Gas Field

9 338 9_338 W.E. Strangman/Vernalis Gas Field

9 339 9_339 W.E. Strangman/Vernalis Gas Field

9 340 9_340 Occidental Petroleum Corp/Vernalis, Southwest, Gas
Field

9 341 9_341 Occidental Petroleum Corp./Lathrop Gas Field

9 342 9_342 Occidental Petroleum Corp./Lathrop Gas Field

Oil and gas

Tracy Community 1 1

Oil and gas

Navarra 1

Oil and gas

Navarra 1

Oil and gas

Navarra 1

Oil and gas

Raspo 1

Oil and gas

Lathrop Unit B 5

Oil and gas

Lathrop Unit B 5

IIR	oil and gas extraction	EOR	CA	San Joaquin	T2S R5E Sec. 15
IIR	oil and gas extraction	EOR	CA	San Joaquin and Stanislaus	T3S R6E Sec. 29
IIR	oil and gas extraction	EOR	CA	San Joaquin and Stanislaus	T3S R6E Sec. 29
IIR	oil and gas extraction	EOR	CA	San Joaquin and Stanislaus	T3S R6E Sec. 29
IIR	oil and gas extraction	EOR	CA	San Joaquin	T4S R6E Sec. 6
IIR	oil and gas extraction	EOR	CA	San Joaquin	T1S R6E Sec. 7
IIR	oil and gas extraction	EOR	CA	San Joaquin	T1S R6E Sec. 7

37.7324311042	-121.419214085	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3900
37.6454630782	-121.333587024	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3800
37.6454630782	-121.333587024	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4650
37.6454630782	-121.333587024	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4925
37.6164443613	-121.351845597	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4560
37.8264424811	-121.263032198	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4747
37.8264424811	-121.263032198	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6295

feet	Panoche	40	Sandstone
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feet	Panoche	80	Sandstone
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feet	Panoche	40	Sandstone
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feet	Panoche	10	Sandstone
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feet	Panoche	4	Sandstone
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feet	Panoche	75	Sandstone
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feet	Panoche	50	Sandstone
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

9	343 9_343	Shell Oil Co/Petaluma Oil Field
9	344 9_344	Shell Oil Co/Petaluma Oil Field
9	364 9_364	Shell Oil Co/Putah Sink Gas Field
9	365 9_365	Standard Oil Co of Calif/Rio Vista Gas Field
9	366 9_366	Buttes Resources Co/Sacramento Airport Gas Field
9	367 9_367	Buttes Resources Co/Sacramento Airport Gas Field
9	368 9_368	Buttes Resources Co/Sacramento Airport Gas Field

Oil and gas

Murphy 1

Oil and gas

Murphy 1

Oil and gas

Cowell Glide A 1-33

Oil and gas

Peter Cook 15

Oil and gas

Natomas 3

Oil and gas

Natomas 3

Oil and gas

Natomas 3

IIR	oil and gas extraction	EOR	CA	Sonoma	T5N R6W Sec. 19
IIR	oil and gas extraction	EOR	CA	Sonoma	T5N R6W Sec. 19
IIR	oil and gas extraction	EOR	CA	Yolo	T8N R3E Sec. 33
IIR	oil and gas extraction	EOR	CA	Contra Costa, Sacramento, and Solano	T4N R3E Sec. 8
IIR	oil and gas extraction	EOR	CA	Sacramento, Sutter, and Yolo	T10N R4E Sec. 6
IIR	oil and gas extraction	EOR	CA	Sacramento, Sutter, and Yolo	T10N R4E Sec. 6
IIR	oil and gas extraction	EOR	CA	Sacramento, Sutter, and Yolo	T10N R4E Sec. 6

38.312366701	-122.466497926	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	670
38.312366701	-122.466497926	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	920
38.4946502126	-121.649539419	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5550
			640 Acres	1 Section	9650
38.7464299527	-121.585702863	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2600
38.7464299527	-121.585702863	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2775
38.7464299527	-121.585702863	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2900

feet	Petaluma	20	Shale
feet	Petaluma	25	Shale
feet	Starkey	50	Sandstone
feet	Starkey	55	Sandstone
feet	Starkey	12	Sandstone
feet	Starkey	12	Sandstone
feet	Starkey	15	Sandstone

			3/14/1983
4627	P	A	

			3/14/1983
	P	A	

			3/14/1983
	P	A	

			3/14/1983
7712	P	A	

			3/14/1983
	P	A	

			3/14/1983
	P	A	

			3/14/1983
	P	A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

- 9 369 9_369 Signal Oil and Gas Co/Saxon Gas Field
- 9 370 9_370 The Dow Chemical Co/Sugarfield Gas Field
- 9 371 9_371 Signal Oil and Gas Co/Sycamore Slough Gas Field
- 9 372 9_372 Getty Oil Co/Todhunters Lake Gas Field
- 9 373 9_373 Getty Oil Co/Todhunters Lake Gas Field
- 9 374 9_374 Getty Oil Co/Todhunters Lake Gas Field
- 9 375 9_375 Getty Oil Co/Todhunters Lake Gas Field

Oil and gas

H & C - Glide 1

Oil and gas

Wauhab 1

Oil and gas

Signal-Monterey-
Reclamation 1

Oil and gas

I.O.C 2

Oil and gas

I.O.C 2

Oil and gas

I.O.C 2

Oil and gas

I.O.C 2

IIR	oil and gas extraction	EOR	CA	Yolo	T7N R3E Sec. 17
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IIR	oil and gas extraction	EOR	CA	Yolo	T10N R2E Sec. 9
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IIR	oil and gas extraction	EOR	CA	Yolo	T12N R1E Sec. 20
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IIR	oil and gas extraction	EOR	CA	Yolo	T9N R3E Sec. 33
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IIR	oil and gas extraction	EOR	CA	Yolo	T9N R3E Sec. 33
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IIR	oil and gas extraction	EOR	CA	Yolo	T9N R3E Sec. 33
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IIR	oil and gas extraction	EOR	CA	Yolo	T9N R3E Sec. 33
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38.452429235	-121.665884938	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6280
38.7138576916	-119.77638792	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4080
38.8828240476	-120.858383685	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3720
38.5823960705	-121.647560724	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3600
38.5823960705	-121.647560724	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4000
38.5823960705	-121.647560724	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4350
38.5823960705	-121.647560724	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4430

feet	Starkey	30	Sandstone
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feet	Starkey	30	Sandstone
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feet	Starkey	25	Sandstone
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feet	Starkey	40	Sandstone
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feet	Starkey	15	Sandstone
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feet	Starkey	40	Sandstone
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feet	Starkey	55	Sandstone
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3942

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6160

P A

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P A

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P A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

9 376 9_376 Getty Oil Co/Todhunters Lake Gas Field

9 377 9_377 Capitol Oil Corp/Tremont Gas Field

9 378 9_378 Shell Oil Co/Willow Slough Gas Field

9 379 9_379 Shell Oil Co/Willow Slough Gas Field

9 380 9_380 Shell Oil Co/Willow Slough Gas Field

9 381 9_381 Atlantic Oil Co/Woodland Gas Field

9 382 9_382 Hershey Oil Corp/Livermore Oil Field

Oil and gas

I.O.C 2

Oil and gas

Hamel-Thomas 2

Oil and gas

Stephens 1-28

Oil and gas

Stephens 1-28

Oil and gas

Stephens 1-28

Oil and gas

Shell-Oliver 1

Oil and gas

Nissen 3

IIR	oil and gas extraction	EOR	CA	Yolo	T9N R3E Sec. 33
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IIR	oil and gas extraction	EOR	CA	Solano	T8N R2E Sec. 34
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IIR	oil and gas extraction	EOR	CA	Yolo	T9N R2E Sec. 28
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IIR	oil and gas extraction	EOR	CA	Yolo	T9N R2E Sec. 28
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IIR	oil and gas extraction	EOR	CA	Yolo	T9N R2E Sec. 28
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IIR	oil and gas extraction	EOR	CA	Yolo	T10N R1E Sec. 24
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IIR	oil and gas extraction	EOR	CA	Alameda	T3S R3E Sec. 7
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38.5823960705	-121.647560724	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4720
38.4956275999	-121.741776451	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6050
38.5975701876	-121.757697039	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4670
38.5975701876	-121.757697039	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4770
38.5975701876	-121.757697039	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5150
38.7123239455	-120.873222138	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3988
37.6870136562	-121.687399214	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5300

feet	Starkey	35	Sandstone
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feet	Starkey	20	Sandstone
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feet	Starkey	30	Sandstone
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feet	Starkey	15	Sandstone
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feet	Starkey	15	Sandstone
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feet	Starkey	32	Sandstone
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feet	Tesla	25	Sandstone
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			3/14/1983
9160	P	A	
			3/14/1983
	P	A	
			3/14/1983
	P	A	
			3/14/1983
	P	A	
			3/14/1983
	P	A	
			3/14/1983
	P	A	
9426	P	A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

9 383 9_383 Sinco Oil Corp/Kirby Hill Gas Field

9 384 9_384 Sun Oil Co/Kirkwood Gas Field

9 385 9_385 Mobil Oil Corp/Llano Seco Gas Field

9 386 9_386 Shell Oil Co/Los Medanos Gas Field

9 387 9_387 Bender Oil Operations/Malton-Black Butte Gas Field

9 388 9_388 McCulloch Oil Corp/Potrero Hills Gas Field

9 389 9_389 The Superior Oil Co/Corning Gas Field

Oil and gas

Lambie 6

Oil and gas

Tucker-Gay 1

Oil and gas

Llano Seco 1

Oil and gas

Ginochio 3-7

Oil and gas

Bryan 1

Oil and gas

McCoulloch-Macson Scally
Unit 1

Oil and gas

Saldubehere 1

IIR	oil and gas extraction	EOR	CA	Solano	T4N R1E Sec. 30
IIR	oil and gas extraction	EOR	CA	Tehama	T23N R3W Sec. 10
IIR	oil and gas extraction	EOR	CA	Butte and Glenn	T20N R1W Sec. 33
IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R1W Sec. 7
IIR	oil and gas extraction	EOR	CA	Glenn and Tehama	T23N R3W Sec. 33
IIR	oil and gas extraction	EOR	CA	Solano	T4N R1W Sec. 10
IIR	oil and gas extraction	EOR	CA	Tehama	T24N R3W Sec. 12

38.1928945435	-120.871731871	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5425
39.8633918606	-122.188027982	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2400
39.5897337715	-120.851738547	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1600
38.0336351607	-122.015576387	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2800
39.8054431306	-122.206747617	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1900
38.2072169417	-121.961078946	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3245
39.9454663096	-122.150657534	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	980-1450

feet		40	Undiff marine strata
feet		25	Undiff marine strata
feet		20	Undiff marine strata
feet		10	Undiff marine strata
feet		10	Undiff marine strata
feet		6	Undiff marine strata
feet		5-120	Undiff nonmarine strata

			3/14/1983
4284		P	A
			3/14/1983
2057		P	A
			3/14/1983
8226		P	A
			3/14/1983
		P	A
			3/14/1983
		P	A
			3/14/1983
5827		P	A
			3/14/1983
		P	A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

9 390 9_390 Northern Counties Petroleum Co/Corning, South, Gas
Field

9 391 9_391 Northern Counties Petroleum Co/Corning, South, Gas
Field

9 392 9_392 The Thermo Co/Rancho Capay Gas Field

9 393 9_393 Supreme Oil and Gas Corp/Sacramento By-Pass Gas Field

9 394 9_394 Exxon Corp/Sycamore Gas Field

9 395 9_395 Standard Oil Co of Calif/Thornton, West, Walnut-Grove
Gas Field

9 396 9_396 W.E. Strangman/Vernalis Gas Field

Oil and gas

Ewers Mooney 1

Oil and gas

Ewers Mooney 1

Oil and gas

Rancho Capay Unit 1 1

Oil and gas

Swanston 1

Oil and gas

O.P. Davis B-6

Oil and gas

McCormack-Williamson 9

Oil and gas

Navarra 1

IIR	oil and gas extraction	EOR	CA	Tehama	T24N R3W Sec. 25
IIR	oil and gas extraction	EOR	CA	Tehama	T24N R3W Sec. 25
IIR	oil and gas extraction	EOR	CA	Glenn	T22N R2W Sec. 4
IIR	oil and gas extraction	EOR	CA	Yolo	T9N R3E Sec. 26
IIR	oil and gas extraction	EOR	CA	Colusa and Sutter	T15N R1W Sec. 22
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R4E Sec. 25
IIR	oil and gas extraction	EOR	CA	San Joaquin and Stanislaus	T3S R6E Sec. 29

39.9061245911	-122.150684093	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1185
39.9061245911	-122.150684093	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1560
39.7452986073	-122.119149573	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1710
38.6182183627	-121.658069372	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2160
39.1490165287	-120.849416971	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1480
			640 Acres	1 Section	2410
37.6454630782	-121.333587024	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3000

feet		10	Undiff nonmarine strata
feet		15	Undiff nonmarine strata
feet		20	Undiff nonmarine strata
feet		8	Undiff nonmarine strata
feet		25	Undiff nonmarine strata
feet		6	Undiff nonmarine strata
feet	Valley Springs	25	Sandstone

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3/14/1983

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

9	397 9_397	Buttes Resources Co/Conway Ranch Gas Field
9	398 9_398	Chevron USA Inc/Crossroads Gas Fields
9	399 9_399	Hunnicutt & Camp Drilling Co/Dunnigan Hills Gas Field
9	400 9_400	Hunnicutt & Camp Drilling Co/Dunnigan Hills Gas Field
9	401 9_401	Hunnicutt & Camp Drilling Co/Dunnigan Hills Gas Field
9	402 9_402	Chevron USA Inc/Freeport Gas Field
9	403 9_403	Standard Oil Co of Calif/Lindsey Slough Gas Field

Oil and gas	Humble-Investment Opr Inc 2
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Oil and gas	U.C. Regents 1
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Oil and gas	A.M Richie 1
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Oil and gas	A.M Richie 1
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Oil and gas	A.M Richie 1
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Oil and gas	Sims Community 2
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Oil and gas	Peter Cook 16
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IIR	oil and gas extraction	EOR	CA	Yolo	T9N R2E Sec. 1
IIR	oil and gas extraction	EOR	CA	Yolo	T10N R2E Sec. 22
IIR	oil and gas extraction	EOR	CA	Yolo	T11N R1W Sec. 36
IIR	oil and gas extraction	EOR	CA	Yolo	T11N R1W Sec. 36
IIR	oil and gas extraction	EOR	CA	Yolo	T11N R1W Sec. 36
IIR	oil and gas extraction	EOR	CA	Sacramento	T7N R5E Sec. 18
IIR	oil and gas extraction	EOR	CA	Solano	T4N R2E Sec. 10

38.6548942848	-121.700974909	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5160
38.6949866085	-121.737263335	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4985
38.7581824757	-121.924013156	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2450
38.7581824757	-121.924013156	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2465
38.7581824757	-121.924013156	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2650
38.4596812526	-121.473372331	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5780
38.2054765159	-121.741585831	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	9130

feet	Winters	10	Shale
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feet	Winters	20	Shale
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feet	Winters	40	Shale
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feet	Winters	65	Shale
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feet	Winters	30	Shale
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feet	Winters	20	Shale
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feet	Winters	25	Shale
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	P	A	
			3/14/1983
	P	A	
			3/14/1983
5484	P	A	
			3/14/1983
5827	P	A	
			3/14/1983
8226	P	A	
			3/14/1983
	P	A	
			3/14/1983
1371	P	A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

- 9 404 9_404 Union Oil Co of Calif/Merritt Island Gas Field
- 9 405 9_405 Supreme Oil and Gas Corp/Plainfield Gas Field
- 9 406 9_406 The Divide Ridge Oil Co/Pleasant Creek Gas Field
- 9 407 9_407 The Divide Ridge Oil Co/Pleasant Creek Gas Field
- 9 408 9_408 Shell Oil Co/Putah Sink Gas Field
- 9 409 9_409 Shell Oil Co/Putah Sink Gas Field
- 9 410 9_410 The Dow Chemical Co/Sugarfield Gas Field

Oil and gas

Greene Unit 2

Oil and gas

Supreme-Bell 1

Oil and gas

No 1

Oil and gas

No 1

Oil and gas

Cowell Glide A 1-33

Oil and gas

Cowell Glide A 1-33

Oil and gas

Wauhab 1

IIR	oil and gas extraction	EOR	CA	Sacramento and Yolo	T6N R4E Sec. 21
IIR	oil and gas extraction	EOR	CA	Yolo	T9N R1E Sec. 9
IIR	oil and gas extraction	EOR	CA	Yolo	T8N R1W Sec. 8
IIR	oil and gas extraction	EOR	CA	Yolo	T8N R1W Sec. 8
IIR	oil and gas extraction	EOR	CA	Yolo	T8N R3E Sec. 33
IIR	oil and gas extraction	EOR	CA	Yolo	T8N R3E Sec. 33
IIR	oil and gas extraction	EOR	CA	Yolo	T10N R2E Sec. 9

38.3592423805	-121.50708305	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7400
38.6415059414	-121.867267788	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4430
38.5546906033	-121.998855693	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3700
38.5546906033	-121.998855693	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2800
38.4946502126	-121.649539419	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6210
38.4946502126	-121.649539419	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6500
38.7138576916	-119.77638792	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4930

feet	Winters	15	Shale
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feet	Winters	4	Shale
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feet	Winters	25	Shale
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feet	Winters	30	Shale
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feet	Winters	20	Shale
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feet	Winters	60	Shale
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feet	Winters	15	Shale
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

9 411 9_411 Standard Oil Co of Calif/Thornton, West, Walnut-Grove
Gas Field

9 412 9_412 Getty Oil Co/Todhunters Lake Gas Field

9 413 9_413 Capitol Oil Corp/Tremont Gas Field

9 414 9_414 Shell Oil Co/Willow Slough Gas Field

9 415 9_415 Albert A. Rembold/Winters Gas Field

9 416 9_416 Albert A. Rembold/Winters Gas Field

9 417 9_417 Albert A. Rembold/Winters Gas Field

Oil and gas

McCormack-Williamson 9

Oil and gas

I.O.C 2

Oil and gas

Hamel-Thomas 2

Oil and gas

Stephens 1-28

Oil and gas

Winters Unit 2 1

Oil and gas

Winters Unit 2 1

Oil and gas

Winters Unit 2 1

IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R4E Sec. 25
IIR	oil and gas extraction	EOR	CA	Yolo	T9N R3E Sec. 33
IIR	oil and gas extraction	EOR	CA	Solano	T8N R2E Sec. 34
IIR	oil and gas extraction	EOR	CA	Yolo	T9N R2E Sec. 28
IIR	oil and gas extraction	EOR	CA	Solano and Yolo	T8N R1E Sec. 18
IIR	oil and gas extraction	EOR	CA	Solano and Yolo	T8N R1E Sec. 18
IIR	oil and gas extraction	EOR	CA	Solano and Yolo	T8N R1E Sec. 18

640 Acres	1 Section	7460-8300
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38.5823960705	-121.647560724	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5440
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38.4956275999	-121.741776451	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6560
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38.5975701876	-121.757697039	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5990
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38.54644239	-121.90909195	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4850
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38.54644239	-121.90909195	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4920
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38.54644239	-121.90909195	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5585
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feet	Winters	10-30	Shale
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feet	Winters	20	Shale
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feet	Winters	7	Shale
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feet	Winters	10	Shale
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feet	Winters	20	Shale
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feet	Winters	5	Shale
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feet	Winters	5	Shale
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)

- 9 418 9_418 Argo Petroleum Corp/Zamora Gas Field
- 9 419 9_419 American Pacific International, Inc./Poso Creek Oil Field
- 9 420 9_420 George F. Getty, Inc./Poso Oil Creek Field
- 9 421 9_421 Standard Oil Co./Poso Creek Oil Field
- 9 422 9_422 Standard Oil Co./Poso Creek Oil Field
- 9 423 9_423 Standard Oil Co./Rosedale Ranch Oil Field
- 9 424 9_424 Shell Oil Co./White Wolf Oil Field

Oil and gas

Hermle 1

Oil and gas

Claflin 2

Oil and gas

Marland 1

Oil and gas

No. 34

Oil and gas

No. 34

Oil and gas

Kern County Land Lease 31
12-1

Oil and gas

KCL 68-32

IIR	oil and gas extraction	EOR	CA	Yolo	T11N R1E Sec. 15
IIR	oil and gas extraction	EOR	CA	Kern	T27S R27E Sec. 10
IIR	oil and gas extraction	EOR	CA	Kern	T27S R27E Sec. 20
IIR	oil and gas extraction	EOR	CA	Kern	T28S R27E Sec. 5
IIR	oil and gas extraction	EOR	CA	Kern	T28S R27E Sec. 5
IIR	oil and gas extraction	EOR	CA	Kern	T29S R26E Sec. 1
IIR	oil and gas extraction	EOR	CA	Kern	T11N R21W Sec. 32

38.8012670642	-121.849437144	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4530
35.5953314322	-119.054520701	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1150
35.5662340827	-119.090275938	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1800
35.5219111367	-119.090710288	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2350
35.5219111367	-119.090710288	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2400
35.4342399943	-119.136588962	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3500
34.9974108489	-119.144400454	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	815

feet	Winters	7	Shale
feet	Etchegoin	40	Shale
feet	Etchegoin	90	Shale
feet	Etchegoin	7	Shale
feet	Etchegoin	100	Shale
feet	Etchegoin	100	Shale
feet	Etchegoin	350	Shale

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

- 9 425 9_425 Shell Oil Co./Coalinga Oil Field
- 9 426 9_426 Trico Oil and Gas Co./Hollister Oil Field
- 9 427 9_427 Petroleum Midway Co./Hollister Oil Field
- 9 428 9_428 Standard Oil Co./Ant Hill Oil Field
- 9 429 9_429 Trico Industries, Inc./Edison Oil Field
- 9 430 9_430 Casa Oil Assoc. Inc./Edison Oil Field
- 9 431 9_431 Casa Oil Assoc. Inc./Edison Oil Field

Oil and gas	363X
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Oil and gas	O'Connell 1
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Oil and gas	1
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Oil and gas	Well No. 63
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Oil and gas	Grayson 45-10
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Oil and gas	Berry Farms 18-4
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Oil and gas	Berry Farms 18-4
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IIR	oil and gas extraction	EOR	CA	Fresno	T19S R15E Sec. 15
IIR	oil and gas extraction	EOR	CA	San Benito	T12S R4E Sec. 14
IIR	oil and gas extraction	EOR	CA	San Benito	T12S R4E Sec. 10
IIR	oil and gas extraction	EOR	CA	Kern	T29S R29E Sec. 21
IIR	oil and gas extraction	EOR	CA	Kern	T30S R29E Sec. 10
IIR	oil and gas extraction	EOR	CA	Kern	T30S R29E Sec. 4
IIR	oil and gas extraction	EOR	CA	Kern	T30S R29E Sec. 4

36.2746787922	-120.328244664	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	500-3500
36.8717916007	-121.544921643	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3970
36.8717916007	-121.544921643	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2000
35.3908878519	-118.869900953	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3500
35.3327825379	-118.852000592	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3100
35.3472722315	-118.869796101	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4570
35.3472722315	-118.869796101	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4620

feet	Etchegoin-Temblor	200	Shale
feet	Franciscan	60	Shale
feet	Franciscan	60	Shale
feet	Freeman-Jewett	30	Sandstone
feet	Freeman-Jewett	65	Sandstone
feet	Freeman-Jewett	50	Sandstone
feet	Freeman-Jewett	100	Sandstone

			3/14/1983
2999		P A	
			3/14/1983
5570		P A	
			3/14/1983
5570		P A	
			3/14/1983
4627		P A	
			3/14/1983
		P A	
			3/14/1983
1371		P A	
			3/14/1983
1200		P A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 432 9_432 J. Ainslie Bell, Opr./Edison Oil Field

9 433 9_433 Union Oil Co./Mountain View Oil Field

9 434 9_434 The Superior Oil Co./Rio Bravo Oil Field

9 435 9_435 Shell Oil Co./Round Mountain Oil Field

9 436 9_436 Reserve Oil and Gas Co./Tejon Oil Field

9 437 9_437 J. Ainslie Bell, Opr./Edison Oil Field

9 438 9_438 Humble Oil & Rfg. Co./Bellevue Oil Field

Oil and gas

Archibald 68

Oil and gas

Stenderup 55X-21

Oil and gas

Helbling 1

Oil and gas

Jewett 3

Oil and gas

Reserve-E.W. Pauley 12-34

Oil and gas

Archibald 68

Oil and gas

Homer A. Sledge et al 2

IIR	oil and gas extraction	EOR	CA	Kern	T30S R29E Sec. 20
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IIR	oil and gas extraction	EOR	CA	Kern	T31S R29E Sec. 21
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IIR	oil and gas extraction	EOR	CA	Kern	T29S R25E Sec. 1
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IIR	oil and gas extraction	EOR	CA	Kern	T28S R29E Sec. 29
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IIR	oil and gas extraction	EOR	CA	Kern	T11N R19W Sec. 34
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IIR	oil and gas extraction	EOR	CA	Kern	T30S R29E Sec. 20
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IIR	oil and gas extraction	EOR	CA	Kern	T29S R26E Sec. 35
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35.3035178754	-118.887472301	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4700
35.2161641849	-118.869192953	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8300
35.4343883095	-119.242989193	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	10550
			640 Acres	1 Section	1600
34.9931818811	-118.890997287	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7200
35.3035178754	-118.887472301	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5300
35.361717256	-119.154397093	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6720

feet	Freeman-Jewett	100	Sandstone
feet	Freeman-Jewett	250	Sandstone
feet	Freeman-Jewett	130	Sandstone
feet	Freeman-Jewett	130	Sandstone
feet	Freeman-Jewett	50	Sandstone
feet	Freeman-Jewett, Vedder	300	Sandstone
feet	Fruitvale	35	Shale

			3/14/1983
2571	P	A	

			3/14/1983
	P	A	

			3/14/1983
	P	A	

			3/14/1983
	P	A	

			3/14/1983
6684	P	A	

			3/14/1983
4284	P	A	

			3/14/1983
	P	A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 439 9_439 The Superior Oil Co./West Bellevue Oil Field

9 440 9_440 The Superior Oil Co./West Bellevue Oil Field

9 441 9_441 Shell Oil Co./Canal Oil Field

9 442 9_442 Shell Oil Co./Canal Oil Field

9 443 9_443 Trico Industries, Inc./Edison Oil Field

9 444 9_444 Gulf Oil Corp./Edison Oil Field

9 445 9_445 Casa Oil Assoc. Inc./Edison Oil Field

Oil and gas

Wesco-Clark 44-33

Oil and gas

Wesco-Clark 44-33

Oil and gas

Canal A 44-14

Oil and gas

Canal A 44-14

Oil and gas

Grayson 45-10

Oil and gas

Cohn Estate 1

Oil and gas

Berry Farms 18-4

IIR	oil and gas extraction	EOR	CA	Kern	T29S R26E Sec. 33
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IIR	oil and gas extraction	EOR	CA	Kern	T29S R26E Sec. 33
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IIR	oil and gas extraction	EOR	CA	Kern	T30S R25E Sec. 14
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IIR	oil and gas extraction	EOR	CA	Kern	T30S R25E Sec. 14
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IIR	oil and gas extraction	EOR	CA	Kern	T30S R29E Sec. 10
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IIR	oil and gas extraction	EOR	CA	Kern	T30S R28E Sec. 3
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IIR	oil and gas extraction	EOR	CA	Kern	T30S R29E Sec. 4
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35.3616610856	-119.189885476	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7830
35.3616610856	-119.189885476	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8750- 9100
35.3179844689	-119.261250364	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8000
35.3179844689	-119.261250364	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	9400
35.3327825379	-118.852000592	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1500- 2500
35.3468706686	-118.958699972	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4200
35.3472722315	-118.869796101	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3200

feet	Fruitvale	5	Shale
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feet	Fruitvale	35	Shale
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feet	Fruitvale	100	Shale
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feet	Fruitvale	80	Shale
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feet	Fruitvale	20-105	Shale
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feet	Fruitvale	60	Shale
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feet	Fruitvale	130	Shale
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		P		A	

					3/14/1983
		P		A	

					3/14/1983
		P		A	

					3/14/1983
171		P		A	

					3/14/1983
343		P		A	

					3/14/1983
343		P		A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 446 9_446 Standard Oil Co./English Colony Oil Field

9 447 9_447 Standard Oil Co./English Colony Oil Field

9 448 9_448 Standard Oil Co./English Colony Oil Field

9 449 9_449 Tenneco West, Inc./Lakeside Oil Field

9 450 9_450 Atlantic Richfield Co./South Lakeside Oil Field

9 451 9_451 Mobil Oil Corp./Garrison City Gas Field

9 452 9_452 Atlantic Richfield Co./Kern Front Oil Field

Oil and gas	KCL 55 28-22
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Oil and gas	KCL 55 28-22
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Oil and gas	KCL 55 28-22
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Oil and gas	No. 86
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Oil and gas	KCL 0 18-14
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Oil and gas	S.P.L. 51-15
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Oil and gas	Kramer 1
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IIR	oil and gas extraction	EOR	CA	Kern	T29S R26E Sec. 22
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IIR	oil and gas extraction	EOR	CA	Kern	T29S R26E Sec. 22
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IIR	oil and gas extraction	EOR	CA	Kern	T29S R26E Sec. 22
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IIR	oil and gas extraction	EOR	CA	Kern	T31S R26E Sec. 3
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IIR	oil and gas extraction	EOR	CA	Kern	T31S R26E Sec. 14
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IIR	oil and gas extraction	EOR	CA	Kern	T28S R24E Sec. 15
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IIR	oil and gas extraction	EOR	CA	Kern	T28S R27E Sec. 34
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35.3907295109	-119.17217592	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6750
35.3907295109	-119.17217592	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7150
35.3907295109	-119.17217592	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7350
35.2598460822	-119.172601952	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8900
35.2307694478	-119.15492233	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	10880
35.4928836865	-119.376862718	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4500
35.4485860158	-119.056340398	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2265

feet	Fruitvale	5	Shale
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feet	Fruitvale	5	Shale
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feet	Fruitvale	10	Shale
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feet	Fruitvale	120	Shale
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feet	Fruitvale	70	Shale
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feet	Etchegoin	15	Shale
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feet	Etchegoin	70	Shale
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3/14/1983

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P A

3/14/1983

2228

P A

3/14/1983

6855

P A

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P A

3/14/1983

P A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 453 9_453 Getty Oil Co./Northwest Lost Hills Oil Field

9 454 9_454 Gulf Oil Corp./Paloma Oil Field

9 455 9_455 Gilliland Oil & Land Co./Devils Den Oil Field

9 456 9_456 Gilliland Oil & Land Co./Devils Den Oil Field

9 457 9_457 Gilliland Oil & Land Co./Devils Den Oil Field

9 458 9_458 Signal Oil and Gas Co./Devils Den Oil Field

9 459 9_459 Texaco Inc./McDonald Anticline Oil Field

Oil and gas

No. 1

Oil and gas

KCL-A 72-4

Oil and gas

Kalloch 56-11

Oil and gas

Kalloch 56-11

Oil and gas

Kalloch 56-11

Oil and gas

Hancock-
M.J.M.&M.C.C.M.O. 34-24

Oil and gas

No. 58-21

IIR	oil and gas extraction	EOR	CA	Kern	T25N R20E Sec. 20
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IIR	oil and gas extraction	EOR	CA	Kern	T32S R26E Sec. 4
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IIR	oil and gas extraction	EOR	CA	Kern	T25S R18E Sec. 11
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IIR	oil and gas extraction	EOR	CA	Kern	T25S R18E Sec. 11
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IIR	oil and gas extraction	EOR	CA	Kern	T25S R18E Sec. 11
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IIR	oil and gas extraction	EOR	CA	Kern	T25S R18E Sec. 24
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IIR	oil and gas extraction	EOR	CA	Kern	T28S R20E Sec. 21
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640 Acres	1 Section	2400
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35.1730095431	-119.190191957	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5520
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35.7673759984	-120.001036932	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1200- 1700
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35.7673759984	-120.001036932	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2100- 3200
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35.7673759984	-120.001036932	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4200
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35.7382533862	-119.983474557	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	600
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35.477130294	-119.82345066	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3500
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feet	Etchegoin	100	Shale
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feet	Etchegoin	20	Shale
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feet	Kreyenhagen	400	Shale
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feet	Kreyenhagen	175	Shale
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feet	Kreyenhagen	200	Shale
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feet	Kreyenhagen	200	Shale
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feet	Kreyenhagen	140	Shale
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3/14/1983

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7198

P A

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2228

P A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 460 9_460 Ferguson & Bosworth/Pyramid Hills Oil Field

9 461 9_461 Ferguson & Bosworth/Pyramid Hills Oil Field

9 462 9_462 Mobil Oil Corp./Pyramid Hills Oil Field

9 463 9_463 Transco Oil Co./Pyramid Hills Oil Field

9 464 9_464 Pyramid Hills Syndicate/Pyramid Hills Oil Field

9 465 9_465 Standard Oil Co./Shale Flats Gas Field

9 466 9_466 The Superior Oil Co./Shale Point Gas Field

Oil and gas

Meakin 45

Oil and gas

Meakin 45

Oil and gas

Norris-Drilexco-Westslope
57-20

Oil and gas

2-32

Oil and gas

No. 1

Oil and gas

Mercantile 1

Oil and gas

Scherrer 2

IIR	oil and gas extraction	EOR	CA	Kings	T24S R18E Sec. 33
IIR	oil and gas extraction	EOR	CA	Kings	T24S R18E Sec. 33
IIR	oil and gas extraction	EOR	CA	Kings	T24S R18E Sec. 20
IIR	oil and gas extraction	EOR	CA	Kings	T24S R18E Sec. 32
IIR	oil and gas extraction	EOR	CA	Kings	T24S R18E Sec. 20
IIR	oil and gas extraction	EOR	CA	Kern	T27S R19E Sec. 8
IIR	oil and gas extraction	EOR	CA	Kern	T26S R18E Sec. 36

35.7962136368	-120.031646064	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	650
35.7962136368	-120.031646064	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2750
35.8252802989	-120.049188664	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	800
35.7961601224	-120.049500723	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3650
35.8252802989	-120.049188664	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	800
35.5932379082	-119.947981735	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2800
35.6216594584	-119.983614224	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3400

feet	Kreyenhagen	125	Shale
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feet	Kreyenhagen	40	Shale
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feet	Kreyenhagen	70	Shale
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feet	Kreyenhagen	20	Shale
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feet	Kreyenhagen	120	Shale
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feet	Kreyenhagen	100	Shale
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feet	Kreyenhagen	100	Shale
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			3/14/1983
4970	P	A	

			3/14/1983
	P	A	

			3/14/1983
5912	P	A	

			3/14/1983
	P	A	

			3/14/1983
5398	P	A	

			3/14/1983
	P	A	

			3/14/1983
	P	A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 467 9_467 Artnell Co. and Artnell Oil & Gas Co./Vallecitos Oil Field

9 468 9_468 Neaves Petroleum Developments/Vallecitos Oil Field

9 469 9_469 Kenyon C. Sills, Opr., Inc./Moffat Ranch Gas Field

9 470 9_470 Standard Oil Co./Cantua Creek Oil Field

9 471 9_471 Lloyd A. Harnish Opr./East Coalinga Extension Oil Field

9 472 9_472 Standard Oil Co./East Coalinga Extension Oil Field

9 473 9_473 Western Continental Operating Co./Five Points Oil Field

Oil and gas

Mohawk-Ashurst 5-5

Oil and gas

Neaves-Vallecitos 2

Oil and gas

Kenyon C. Sills, Opr., Inc.

Oil and gas

Giffen, Inc., et al 67

Oil and gas

Guijaral Service Company
65-30F

Oil and gas

Hyde 54

Oil and gas

Everts 72-20

IIR	oil and gas extraction	EOR	CA	San Benito	T17S R11E Sec. 5
IIR	oil and gas extraction	EOR	CA	San Benito	T17S R11E Sec. 17
IIR	oil and gas extraction	EOR	CA	Madera	T12S R15E Sec. 17
IIR	oil and gas extraction	EOR	CA	Fresno	T17S R15E Sec. 14
IIR	oil and gas extraction	EOR	CA	Fresno	T20S R16E Sec. 30
IIR	oil and gas extraction	EOR	CA	Fresno	T19S R16E Sec. 6
IIR	oil and gas extraction	EOR	CA	Fresno	T17S R17E Sec. 20

36.4804508978	-120.788653783	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5350
36.4502792206	-120.789982515	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	420
36.8878996572	-120.354492966	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3800
36.4503918179	-120.311267894	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	9300
36.1587352298	-120.273686372	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7400- 8000
36.3049664956	-120.275164307	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8000
36.4366559852	-120.148063892	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	9150

feet	Kreyenhagen	60	Shale
feet	Kreyenhagen	45	Shale
feet	Kreyenhagen	5	Shale
feet	Lodo	90	Sandstone and Claystone
feet	Lodo	0-625	Sandstone and Claystone
feet	Lodo	210	Sandstone and Claystone
feet	Lodo	40	Sandstone and Claystone

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P A

3/14/1983

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P A

3/14/1983

P A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

- 9 474 9_474 Sun Oil Co./Guijaral Hills Oil Field
- 9 475 9_475 Sun Oil Co./Guijaral Hills Oil Field
- 9 476 9_476 Union Oil Co./Guijaral Hills Oil Field
- 9 477 9_477 Middle Dome Corp./Kettleman Middle Dome Oil Field
- 9 478 9_478 Standard Oil Co./Kettleman North Dome Oil Field
- 9 479 9_479 Standard Oil Co./Kettleman North Dome Oil Field
- 9 480 9_480 Union Oil Co./Pleasant Valley Oil Field

Oil and gas

Dessel 41-2

Oil and gas

Dessel 41-2

Oil and gas

Polvadero Unit 42-1

Oil and gas

No. 38-19V

Oil and gas

No. E 423

Oil and gas

No. E 423

Oil and gas

Gatchell 68-28

IIR	oil and gas extraction	EOR	CA	Fresno	T21S R16E Sec. 2
IIR	oil and gas extraction	EOR	CA	Fresno	T21S R16E Sec. 2
IIR	oil and gas extraction	EOR	CA	Fresno	T21S R16E Sec. 1
IIR	oil and gas extraction	EOR	CA	Kings	T23S R19E Sec. 19
IIR	oil and gas extraction	EOR	CA	Fresno and Kings	T21S R17E Sec. 34
IIR	oil and gas extraction	EOR	CA	Fresno and Kings	T21S R17E Sec. 34
IIR	oil and gas extraction	EOR	CA	Fresno	T20S R16E Sec. 28

36.130171122	-120.209096839	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	10200
36.130171122	-120.209096839	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	10500
36.130274797	-120.191194818	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	10700
35.9127970531	-119.959489707	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	12000
36.0580007959	-120.11999025	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	9200- 10500
36.0580007959	-120.11999025	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	10900- 11700
36.1590796287	-120.237417905	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	9144

feet	Lodo	150	Sandstone and Claystone
feet	Lodo	50	Sandstone and Claystone
feet	Lodo	250	Sandstone and Claystone
feet	Lodo	200	Sandstone and Claystone
feet	Lodo	400	Sandstone and Claystone
feet	Lodo	450	Sandstone and Claystone
feet	Lodo	120	Sandstone and Claystone

			3/14/1983
2399		P A	
			3/14/1983
3256		P A	
			3/14/1983
6941		P A	
			3/14/1983
8826		P A	
			3/14/1983
6170		P A	
			3/14/1983
7112		P A	
			3/14/1983
6461		P A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9	481 9_481	W.W. Holmes/Vallecitos Oil Field
9	489 9_489	Tenneco West, Inc./Strand Oil Field
9	490 9_490	Reserve Oil and Gas Co./Tejon Oil Field
9	491 9_491	Atlantic Richfield Co./Tejon Oil Field
9	492 9_492	Atlantic Richfield Co./Tejon Oil Field
9	564 9_564	Texaco Inc./McDonald Anticline Oil Field
9	565 9_565	Texaco Inc./McDonald Anticline Oil Field

Oil and gas

McCray 45-26

Oil and gas

No. 22

Oil and gas

Reserve-E.W. Pauley 12-34

Oil and gas

Tejon Ranch 1

Oil and gas

Tejon Ranch 1

Oil and gas

No. 58-21

Oil and gas

No. 58-21

IIR	oil and gas extraction	EOR	CA	San Benito	T16S R11E Sec. 26
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IIR	oil and gas extraction	EOR	CA	Kern	T30S R25E Sec. 1
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IIR	oil and gas extraction	EOR	CA	Kern	T11N R19W Sec. 34
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IIR	oil and gas extraction	EOR	CA	Kern	T10N R19W Sec. 2
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IIR	oil and gas extraction	EOR	CA	Kern	T10N R19W Sec. 2
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IIR	oil and gas extraction	EOR	CA	Kern	T28S R20E Sec. 21
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IIR	oil and gas extraction	EOR	CA	Kern	T28S R20E Sec. 21
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36.5090244004	-120.73475886	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1000
35.347031899	-119.243359096	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8700
34.9931818811	-118.890997287	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4400
34.9771071	-118.873195716	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2670
34.9771071	-118.873195716	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1810
35.477130294	-119.82345066	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2600
35.477130294	-119.82345066	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1500

feet	Martinez	70	Shale
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feet	Fruitvale	40	Shale
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feet	Fruitvale	80	Shale
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feet	Fruitvale	20	Shale
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feet	Fruitvale	20-190	Shale
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feet	Monterey	80	Shale
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feet	Monterey	35	Shale
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4284

P A

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P A

3/14/1983

4799

P A

3/14/1983

2399

P A

3/14/1983

P A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 566 9_566 Occidental Petroleum Corp./McKittrick Oil Field

9 567 9_567 Occidental Petroleum Corp./McKittrick Oil Field

9 568 9_568 Standard Oil Co./McKittrick Oil Field

9 569 9_569 The Superior Oil Co./Midway-Sunset Oil Field

9 570 9_570 The Superior Oil Co./Midway-Sunset Oil Field

9 571 9_571 The Superior Oil Co./Midway-Sunset Oil Field

9 572 9_572 The Superior Oil Co./Midway-Sunset Oil Field

Oil and gas

Standard-Gabriel 556X-12Y

Oil and gas

Standard-Gabriel 556X-12Y

Oil and gas

Jacobson 572R

Oil and gas

C.W.O.D. 58-21

Oil and gas

C.W.O.D. 58-21

Oil and gas

C.W.O.D. 58-21

Oil and gas

C.W.O.D. 58-21

IIR	oil and gas extraction	EOR	CA	Kern	T30S R21E Sec. 12
IIR	oil and gas extraction	EOR	CA	Kern	T30S R21E Sec. 12
IIR	oil and gas extraction	EOR	CA	Kern	T30S R22E Sec. 18
IIR	oil and gas extraction	EOR	CA	Kern and San Luis Obispo	T32S R23E Sec. 21
IIR	oil and gas extraction	EOR	CA	Kern and San Luis Obispo	T32S R23E Sec. 21
IIR	oil and gas extraction	EOR	CA	Kern and San Luis Obispo	T32S R23E Sec. 21
IIR	oil and gas extraction	EOR	CA	Kern and San Luis Obispo	T32S R23E Sec. 21

35.3277964134	-119.669150125	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	800
35.3277964134	-119.669150125	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1500
35.3178597604	-119.651336818	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	800
35.1300132787	-119.508553183	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	400-3100
35.1300132787	-119.508553183	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	200-2500
35.1300132787	-119.508553183	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1000
35.1300132787	-119.508553183	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	600-2000

feet	Monterey	300	Shale
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feet	Monterey	400	Shale
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feet	Monterey	500	Shale
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feet	Monterey	10-300	Shale
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feet	Monterey	60-500	Shale
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feet	Monterey	200	Shale
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feet	Monterey	50-400	Shale
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			3/14/1983
7712	P	A	

			3/14/1983
9083	P	A	

			3/14/1983
	P	A	

			3/14/1983
7541	P	A	

			3/14/1983
	P	A	

			3/14/1983
686	P	A	

			3/14/1983
	P	A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 673 9_673 Kernview Oil Co./Kern Bluff Oil Field

9 674 9_674 Getty Oil Co./Mountain View Oil Field

9 675 9_675 Shell Oil Co./Antelope Hills Oil Field

9 676 9_676 Belridge Oil Co./South Belridge Oil Field

9 677 9_677 Mobil Oil Co./Cymric Oil Field

9 678 9_678 The Superior Oil Co./Cymric Oil Field

9 734 9_734 Getty Oil Co./Temescal Oil Field

Oil and gas

Muir 13

Oil and gas

Frick-Hogan 23-9

Oil and gas

Voight Three 1

Oil and gas

No. 62W-33

Oil and gas

McKittrick Fee S-2

Oil and gas

Cymric Unit 1

Oil and gas

Temescal 14

IIR	oil and gas extraction	EOR	CA	Kern	T29S R29E Sec. 18
IIR	oil and gas extraction	EOR	CA	Kern	T31S R29E Sec. 9
IIR	oil and gas extraction	EOR	CA	Kern	T28S R20E Sec. 5
IIR	oil and gas extraction	EOR	CA	Kern	T28S R21E Sec. 33
IIR	oil and gas extraction	EOR	CA	Kern	T30S R22E Sec. 6
IIR	oil and gas extraction	EOR	CA	Kern	T29S R21E Sec. 22
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R18W Sec. 4

35.4053370962	-118.905251657	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	740-1350
35.2453306454	-118.869418453	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5400
35.5204957571	-119.84117716	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	845-1000
35.4482649604	-119.716108359	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	400
35.3469000659	-119.651311231	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1200
35.3903381879	-119.704648547	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1000
34.4617596199	-118.776015753	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2950

feet		30-80	Transition
feet		200	Transition
feet	Tulare	10-80	Claystone and siltstone
feet	Tulare	400	Claystone and siltstone
feet	Tulare	125	Claystone and siltstone
feet	Tulare	50-450	Claystone and siltstone
feet	Modelo	60	Sandstone

3/14/1983

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514

P

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771

P

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P

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3/14/1983

1714

P

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3/14/1983

4970

P

A

3/14/1983

4284.40381

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

- 9 735 9_735 Atlantic Richfield Co/Casmalia Oil Field
- 9 736 9_736 Husky Oil Co of Delaware/Cat Canyon Oil Field
- 9 737 9_737 Husky Oil Co of Delaware/Cat Canyon Oil Field
- 9 738 9_738 Sun Oil Co/Cat Canyon Oil Field
- 9 739 9_739 Continental Oil Co/Cat Canyon Oil Field
- 9 740 9_740 Union Oil Co of Calif/Cat Canyon Oil Field
- 9 741 9_741 N.B. Hunt/Huasna Oil Field

Oil and gas

Soladino Fee 52

Oil and gas

Victory 20

Oil and gas

Victory 20

Oil and gas

Tognazzini 1

Oil and gas

Wickenden 5

Oil and gas

Bell 106

Oil and gas

Tar Springs 1

IIR	oil and gas extraction	EOR	CA	Santa Barbara	T9N R34W Sec. 18
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T9N R32W Sec. 30
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T9N R32W Sec. 30
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T8N R32W Sec. 9
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T9N R32W Sec. 33
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T9N R33W Sec. 35
IIR	oil and gas extraction	EOR	CA	San Luis Obispo	T32S R14E Sec. 25

34.8251779672	-120.419899778	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	700
34.8284846544	-120.286274809	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2100
34.8284846544	-120.286274809	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3000
34.8026356633	-120.262886466	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3800
34.8150996099	-120.253644488	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2020- 3180
34.8064646923	-120.337953218	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6000
35.1108526348	-120.420383152	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2085- 3015

feet	Monterey	1275	Shale
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feet	Monterey	200	Shale
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feet	Monterey	500	Shale
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feet	Monterey	300	Shale
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feet	Monterey	1200-3200	Shale
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feet	Monterey	1500	Shale
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feet	Monterey	110	Shale
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3/14/1983

6855.04609 P A

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7283.48647 P A

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5655.41302 P A

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5655.41302 P A

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3/14/1983

6855.04609 P A

3/14/1983

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9 742 9_742 Union Oil Co of Calif/Jesus Maria Oil Field

9 743 9_743 Union Oil Co of Calif/Jesus Maria Oil Field

9 744 9_744 Texaco Inc/King City Oil Field

9 745 9_745 John H. Beach/King City Oil Field

9 746 9_746 Time Petroleum Co/King City Oil Field

9 747 9_747 Mobil Oil Corp/Lompoc Oil Field

9 748 9_748 McCulloch Oil Corp/Los Alamos Oil Field

Oil and gas

Jesus Maria 31-11

Oil and gas

Jesus Maria 31-11

Oil and gas

Currell 1

Oil and gas

Doud 4-2-32

Oil and gas

Basham 1

Oil and gas

Los Alamos 3

Oil and gas

Ferrero et al 1-1

IIR	oil and gas extraction	EOR	CA	Santa Barbara	T8N R35W Sec. 11
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T8N R35W Sec. 11
IIR	oil and gas extraction	EOR	CA	Monterey	T21S R8E Sec. 4
IIR	oil and gas extraction	EOR	CA	Monterey	T20S R8E Sec. 32
IIR	oil and gas extraction	EOR	CA	Monterey	T20S R8E Sec. 31
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T8N R33W Sec. 31
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T7N R33W Sec. 1

		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2600
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2900
36.1327066199	-121.109941108	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2000
36.1470360571	-121.132698351	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1860
36.1473320041	-121.144716127	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2450
34.7579985316	-120.373155739	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2250
34.7093538073	-120.306480518	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	9300

feet	Monterey	290	Shale
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feet	Monterey	500	Shale
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feet	Monterey	100	Shale
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feet	Monterey	30	Shale
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feet	Monterey	65	Shale
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feet	Monterey	500	Shale
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feet	Monterey	550	Shale
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3/14/1983

1199.63307

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8568.80761

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7026.42224

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5998.16533

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9	749 9_749	Texaco Inc/Lynch Canyon Oil Field
9	750 9_750	Texaco Inc/McCool Ranch Oil Field
9	751 9_751	Texaco Inc/Monroe Swell Oil Field
9	679 9_679	Occidental Petroleum Corp./Dudley Ridge Gas Field
9	680 9_680	Mobil Oil Corp./Lost Hills Oil Field
9	681 9_681	Occidental Petroleum Corp./McKittrick Oil Field
9	682 9_682	Standard Oil Co./McKittrick Oil Field

Oil and gas

Lanigan Core Hole 1

Oil and gas

Brinan 2

Oil and gas

Dunphy 1

Oil and gas

Howe 1

Oil and gas

Williamson 33-11

Oil and gas

Standard-Gabriel 556X-12Y

Oil and gas

Jacobson 572R

IIR	oil and gas extraction	EOR	CA	Monterey	T22S R10E Sec. 24
IIR	oil and gas extraction	EOR	CA	Monterey	T22S R10E Sec. 15
IIR	oil and gas extraction	EOR	CA	Monterey	T19S R7E Sec. 30
IIR	oil and gas extraction	EOR	CA	Kings	T23S R19E Sec. 2
IIR	oil and gas extraction	EOR	CA	Kern	T26S R20E Sec. 11
IIR	oil and gas extraction	EOR	CA	Kern	T30S R21E Sec. 12
IIR	oil and gas extraction	EOR	CA	Kern	T30S R22E Sec. 18

36.0014414687	-120.841982293	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1800
36.0159983717	-120.877393694	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2150
36.2492876913	-121.251682329	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2000
35.9535866498	-119.889255636	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1100
35.6804718877	-119.787426745	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	200
35.3277964134	-119.669150125	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	500
35.3178597604	-119.651336818	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	650

feet	Monterey	55	Shale
feet	Monterey	30	Shale
feet	Monterey	200	Shale
feet	Tulare	20	Claystone and siltstone
feet	Tulare	100	Claystone and siltstone
feet	Tulare	300	Claystone and siltstone
feet	Tulare	400	Claystone and siltstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

- 9 683 9_683 The Superior Oil Co./Midway-Sunset Oil Field
- 9 684 9_684 Standard Oil Co./Railroad Gap Oil Field
- 9 493 9_493 Atlantic Richfield Co./Tejon Oil Field
- 9 494 9_494 Chanslor-Western Oil & Dev. Co./Tejon Oil Field
- 9 495 9_495 Reserve Oil and Gas Co./North Tejon Oil Field
- 9 496 9_496 Shell Oil Co./Ten Section Oil Field
- 9 497 9_497 Standard Oil Co./Wheeler Ridge Oil Field

Oil and gas	C.W.O.D. 58-21
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Oil and gas	No. 555
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Oil and gas	Tejon Ranch 1
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Oil and gas	4-1-32
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Oil and gas	R-S-T 187-19
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Oil and gas	KCL 15X-24
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Oil and gas	KCL 2 337
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IIR	oil and gas extraction	EOR	CA	Kern and San Luis Obispo	T32S R23E Sec. 21
IIR	oil and gas extraction	EOR	CA	Kern	T30S R22E Sec. 15
IIR	oil and gas extraction	EOR	CA	Kern	T10N R19W Sec. 2
IIR	oil and gas extraction	EOR	CA	Kern	T11N R19W Sec. 32
IIR	oil and gas extraction	EOR	CA	Kern	T11N R19W Sec. 19
IIR	oil and gas extraction	EOR	CA	Kern	T30S R25E Sec. 24
IIR	oil and gas extraction	EOR	CA	Kern	T11N R20W Sec. 27

35.1300132787	-119.508553183	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	200-1400
35.3178951512	-119.598022152	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1100
34.9771071	-118.873195716	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1670
34.9930328017	-118.926173473	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4600
35.0251854488	-118.946584887	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5370
35.3034181512	-119.243604734	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	9500
35.0123979781	-119.002513916	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2050

feet	Tulare	50-200	Claystone and siltstone
feet	Tulare	60	Claystone and siltstone
feet	Fruitvale	150-250	Shale
feet	Fruitvale	125	Shale
feet	Fruitvale	230	Shale
feet	Fruitvale	100	Shale
feet	Fruitvale	200	Shale

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			3/14/1983
3856		P	A
			3/14/1983
4799		P	A
			3/14/1983
1885		P	A
			3/14/1983
		P	A
			3/14/1983
		P	A
			3/14/1983
7541		P	A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9	498 9_498	Atlantic Richfield Co./Wheeler Ridge Oil Field
9	499 9_499	Atlantic Richfield Co./Wheeler Ridge Oil Field
9	500 9_500	Shell Oil Co./Ten Section Oil Field
9	501 9_501	Chanslor-Western Oil and Development Co./Devils Den Oil Field
9	502 9_502	Morton & Sons/Jasmin Oil Field
9	503 9_503	Richard S. Rhee, Opr./Round Mountain Oil Field
9	504 9_504	Shell Oil Co./Round Mountain Oil Field

Oil and gas

KCL S 61-27

Oil and gas

KCL S 61-27

Oil and gas

KCL-A 53-30

Oil and gas

Bates 2

Oil and gas

Quinn 1-16

Oil and gas

Smoot-Vedder 2

Oil and gas

Jewett 3

IIR	oil and gas extraction	EOR	CA	Kern	T11N R20W Sec. 27
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IIR	oil and gas extraction	EOR	CA	Kern	T11N R20W Sec. 27
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IIR	oil and gas extraction	EOR	CA	Kern	T30S R26E Sec. 30
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IIR	oil and gas extraction	EOR	CA	Kern	T25S R19E Sec. 20
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IIR	oil and gas extraction	EOR	CA	Kern	T25S R27E Sec. 16
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IIR	oil and gas extraction	EOR	CA	Kern	T28S R28E Sec. 1
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IIR	oil and gas extraction	EOR	CA	Kern	T28S R29E Sec. 29
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35.0123979781	-119.002513916	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2900
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35.0123979781	-119.002513916	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5100
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35.2888626657	-119.225816846	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	9000
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35.7382571701	-119.947934338	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1600
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35.7546995467	-119.071758045	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1705
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35.5211501608	-118.914870441	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1500
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640 Acres	1 Section	1900
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feet	Fruitvale	240	Shale
feet	Fruitvale	73	Shale
feet	Fruitvale	150	Shale
feet	Jacalitos	60	Sandstone
feet	Jewett	130	Sandstone
feet	Jewett	150	Sandstone
feet	Jewett	150	Sandstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

- 9 505 9_505 Piute Holding Co./Round Mountain Oil Field

- 9 506 9_506 Standard Oil Co./Kern River Oil Field

- 9 507 9_507 Standard Oil Co./Kern River Oil Field

- 9 508 9_508 Trico Industries, Inc./Edison Oil Field

- 9 509 9_509 Shell Oil Co./North Antelope Hills Oil Field

- 9 510 9_510 Tesoro Petroleum Corp./Antelope Plains Gas Field

- 9 511 9_511 Getty Oil Co./Belgian Anticline Oil Field

Oil and gas

Smith 1

Oil and gas

KCL 26 1-11

Oil and gas

KCL 26 1-11

Oil and gas

Grayson 45-10

Oil and gas

Hopkins B 55X-23

Oil and gas

Bolton 83

Oil and gas

Midway-McKittrick A 22-30

IIR	oil and gas extraction	EOR	CA	Kern	T28S R29E Sec. 17
IIR	oil and gas extraction	EOR	CA	Kern	T29S R28E Sec. 9
IIR	oil and gas extraction	EOR	CA	Kern	T29S R28E Sec. 9
IIR	oil and gas extraction	EOR	CA	Kern	T30S R29E Sec. 10
IIR	oil and gas extraction	EOR	CA	Kern	T27S R19E Sec. 23
IIR	oil and gas extraction	EOR	CA	Kern	T27S R19E Sec. 27
IIR	oil and gas extraction	EOR	CA	Kern	T30S R22E Sec. 30

640 Acres 1 Section 1250

35.4195947099 -118.976615816 Lat/Lon represents
centroid of PLSS area 640 Acres 1 Section 900

35.4195947099 -118.976615816 Lat/Lon represents
centroid of PLSS area 640 Acres 1 Section 1300

35.3327825379 -118.852000592 Lat/Lon represents
centroid of PLSS area 640 Acres 1 Section 750-4200

35.563924758 -119.894799976 Lat/Lon represents
centroid of PLSS area 640 Acres 1 Section 1545

35.5493056555 -119.912732076 Lat/Lon represents
centroid of PLSS area 640 Acres 1 Section 3200

35.2890662653 -119.651250855 Lat/Lon represents
centroid of PLSS area 640 Acres 1 Section 5400

feet	Jewett	130	Sandstone
feet	Kern River	700	Sandstone
feet	Kern River	100-500	Sandstone
feet	Kern River-Chanac	450	Sandstone
feet	Kreyenhagen	30	Shale
feet	Kreyenhagen	35	Shale
feet	Kreyenhagen	300	Shale

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9426

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

- 9 512 9_512 Getty Oil Co./Belgian Anticline Oil Field
- 9 513 9_513 Getty Oil Co./Belgian Anticline Oil Field
- 9 514 9_514 Atlantic Richfield Co./North Coles Levee Oil Field
- 9 515 9_515 Reserve Oil and Gas Co./Tejon Oil Field
- 9 516 9_516 Marathon Oil Co./Tejon Oil Field
- 9 517 9_517 Chanslor-Western Oil & Dev. Co./Tejon Oil Field
- 9 518 9_518 William K. Barker & Assoc./Edison Oil Field

Oil and gas

Midway-McKittrick A 22-30

Oil and gas

Midway-McKittrick A 22-30

Oil and gas

Coles Levee A 67-29

Oil and gas

Reserve-E.W. Pauley 12-34

Oil and gas

Title Insurance & Trust 1

Oil and gas

4-1-32

Oil and gas

Shields-Arms 71-32

IIR	oil and gas extraction	EOR	CA	Kern	T30S R22E Sec. 30
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IIR	oil and gas extraction	EOR	CA	Kern	T30S R22E Sec. 30
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IIR	oil and gas extraction	EOR	CA	Kern	T30S R25E Sec. 29
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IIR	oil and gas extraction	EOR	CA	Kern	T11N R19W Sec. 34
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IIR	oil and gas extraction	EOR	CA	Kern	T11N R19W Sec. 36
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IIR	oil and gas extraction	EOR	CA	Kern	T11N R19W Sec. 32
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IIR	oil and gas extraction	EOR	CA	Kern	T29S R29E Sec. 32
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35.2890662653	-119.651250855	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6100
35.2890662653	-119.651250855	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6700
35.2894740732	-119.314419098	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	17500
34.9931818811	-118.890997287	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2725
34.9931355136	-118.859840179	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2000
34.9930328017	-118.926173473	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2600
35.3617570216	-118.887571035	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1130

feet	Kreyenhagen	400	Shale
feet	Kreyenhagen	300	Shale
feet	Kreyenhagen	350	Shale
feet		85	"Transition"
feet	"Transition" and Santa Margarita	150	Sandstone
feet	"Transition" and Santa Margarita	55	Sandstone
feet	Chanac	30	Sandstone

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3/14/1983

1114

P A

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P A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 519 9_519 Standard Oil Co./Edison Oil Field

9 520 9_520 Casa Oil Assoc. Inc./Edison Oil Field

9 521 9_521 J. Ainslie Bell, Opr./Edison Oil Field

9 522 9_522 Atlantic Richfield Co./Northeast Edison Oil Field

9 523 9_523 Texaco Inc./Fruitvale Oil Field

9 524 9_524 Texaco Inc./Fruitvale Oil Field

9 525 9_525 Buttes Gas & Oil Co./Fruitvale Oil Field

Oil and gas

Jeppi Camp 55

Oil and gas

Berry Farms 18-4

Oil and gas

Archibald 68

Oil and gas

S.P. 15 1

Oil and gas

Camp-West-Lowe 1

Oil and gas

Camp-West-Lowe 1

Oil and gas

Denio Community 1

IIR	oil and gas extraction	EOR	CA	Kern	T30S R29E Sec. 8
IIR	oil and gas extraction	EOR	CA	Kern	T30S R29E Sec. 4
IIR	oil and gas extraction	EOR	CA	Kern	T30S R29E Sec. 20
IIR	oil and gas extraction	EOR	CA	Kern	T29S R30E Sec. 31
IIR	oil and gas extraction	EOR	CA	Kern	T29S R27E Sec. 7
IIR	oil and gas extraction	EOR	CA	Kern	T29S R27E Sec. 7
IIR	oil and gas extraction	EOR	CA	Kern	T29S R27E Sec. 19

35.3326410941	-118.88752499	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3300
35.3472722315	-118.869796101	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1070
35.3035178754	-118.887472301	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3200
35.3622512278	-118.79893262	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	350
35.4197674787	-119.118865535	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4050
35.4197674787	-119.118865535	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4150
35.3907160009	-119.118910587	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4400

feet	Chanac	80	Sandstone
feet	Chanac	150	Sandstone
feet	Chanac	200	Sandstone
feet	Chanac	120	Sandstone
feet	Chanac	12	Sandstone
feet	Chanac	24	Sandstone
feet	Chanac	30	Sandstone

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171

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3/14/1983

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3/14/1983

P A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 526 9_526 Signal Oil and Gas Co./Fruitvale Oil Field

9 527 9_527 Signal Oil and Gas Co./Fruitvale Oil Field

9 528 9_528 Signal Oil and Gas Co./Fruitvale Oil Field

9 529 9_529 Signal Oil and Gas Co./Fruitvale Oil Field

9 530 9_530 Signal Oil and Gas Co./Fruitvale Oil Field

9 531 9_531 Atlantic Richfield Co./Kern Front Oil Field

9 532 9_532 Frank Goldman/Mountain View Oil Field

Oil and gas

KCL 33-34

Oil and gas

KCL 33-34

Oil and gas

KCL 33-34

Oil and gas

KCL 33-34

Oil and gas

KCL 33-34

Oil and gas

Kramer 1

Oil and gas

H.S. Jewett 3

IIR	oil and gas extraction	EOR	CA	Kern	T29S R27E Sec. 34
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IIR	oil and gas extraction	EOR	CA	Kern	T29S R27E Sec. 34
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IIR	oil and gas extraction	EOR	CA	Kern	T29S R27E Sec. 34
-----	------------------------	-----	----	------	-------------------

IIR	oil and gas extraction	EOR	CA	Kern	T29S R27E Sec. 34
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IIR	oil and gas extraction	EOR	CA	Kern	T29S R27E Sec. 34
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IIR	oil and gas extraction	EOR	CA	Kern	T28S R27E Sec. 34
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IIR	oil and gas extraction	EOR	CA	Kern	T31S R29E Sec. 23
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35.3614556686	-119.065562789	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3100
35.3614556686	-119.065562789	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3250
35.3614556686	-119.065562789	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3400
35.3614556686	-119.065562789	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3600
35.3614556686	-119.065562789	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3800
35.4485860158	-119.056340398	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2320
35.216350975	-118.833284049	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5500

feet	Chanac	170	Sandstone
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feet	Chanac	190	Sandstone
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feet	Chanac	150	Sandstone
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feet	Chanac	210	Sandstone
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feet	Chanac	380	Sandstone
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feet	Chanac	250	Sandstone
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feet	Chanac	300	Sandstone
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	P	A	
			3/14/1983
257	P	A	
			3/14/1983
6341	P	A	
			3/14/1983
3685	P	A	
			3/14/1983
	P	A	
			3/14/1983
86	P	A	
			3/14/1983
9597	P	A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 533 9_533 Union Oil Co./Mountain View Oil Field

9 534 9_534 Union Oil Co./Mountain View Oil Field

9 535 9_535 Getty Oil Co./Mountain View Oil Field

9 536 9_536 Getty Oil Co./Mountain View Oil Field

9 537 9_537 Ferguson & Bosworth/Mountain View Oil Field

9 538 9_538 Ferguson & Bosworth/Mountain View Oil Field

9 539 9_539 Shell Oil Co./Pleito Oil Field

Oil and gas

Stenderup 55X-21

Oil and gas

Stenderup 55X-21

Oil and gas

Frick-Hogan 23-9

Oil and gas

Frick-Hogan 23-9

Oil and gas

Union-Signal Tipton-
Stockton 57-34

Oil and gas

Union-Signal Tipton-
Stockton 57-34

Oil and gas

KCL 48-25

IIR	oil and gas extraction	EOR	CA	Kern	T31S R29E Sec. 21
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IIR	oil and gas extraction	EOR	CA	Kern	T31S R29E Sec. 21
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IIR	oil and gas extraction	EOR	CA	Kern	T31S R29E Sec. 9
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IIR	oil and gas extraction	EOR	CA	Kern	T31S R29E Sec. 9
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IIR	oil and gas extraction	EOR	CA	Kern	T31S R29E Sec. 34
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IIR	oil and gas extraction	EOR	CA	Kern	T31S R29E Sec. 34
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IIR	oil and gas extraction	EOR	CA	Kern	T11N R21W Sec. 25
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35.2161641849	-118.869192953	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6100
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35.2161641849	-118.869192953	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7100
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35.2453306454	-118.869418453	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4900
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35.2453306454	-118.869418453	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5200
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35.1871337424	-118.851037522	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7400
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35.1871337424	-118.851037522	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7100- 7400
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35.0123196517	-119.073693931	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8900
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feet	Chanac	60	Sandstone
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feet	Chanac	130	Sandstone
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feet	Chanac	300	Sandstone
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feet	Chanac	100	Sandstone
------	--------	-----	-----------

feet	Chanac	150	Sandstone
------	--------	-----	-----------

feet	Chanac	400	Sandstone
------	--------	-----	-----------

feet	Chanac	300	Sandstone
------	--------	-----	-----------

			3/14/1983
1714	P	A	
			3/14/1983
	P	A	
			3/14/1983
514	P	A	
			3/14/1983
514	P	A	
			3/14/1983
	P	A	
			3/14/1983
	P	A	
			3/14/1983
8912	P	A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 540 9_540 George F. Getty, Inc./Poso Oil Creek Field

9 541 9_541 Standard Oil Co./Poso Creek Oil Field

9 542 9_542 Sherman F. Wagenseller and John J. August/Stockdale Oil
Field

9 543 9_543 Atlantic Richfield Co./Union Avenue Oil Field

9 544 9_544 Kenyon C. Sills, Opr., Inc./Moffat Ranch Gas Field

9 545 9_545 Shell Oil Co./Coalinga Oil Field

9 546 9_546 Texaco Inc./Vallecitos Oil Field

Oil and gas

Marland 1

Oil and gas

No. 34

Oil and gas

W-A-M-S KCL 12-16

Oil and gas

Union Avenue 1

Oil and gas

Kenyon C. Sills, Opr., Inc.

Oil and gas

363X

Oil and gas

Cedar Flat USL 1

IIR	oil and gas extraction	EOR	CA	Kern	T27S R27E Sec. 20
IIR	oil and gas extraction	EOR	CA	Kern	T28S R27E Sec. 5
IIR	oil and gas extraction	EOR	CA	Kern	T30S R27E Sec. 16
IIR	oil and gas extraction	EOR	CA	Kern	T30S R28E Sec. 6
IIR	oil and gas extraction	EOR	CA	Madera	T12S R15E Sec. 17
IIR	oil and gas extraction	EOR	CA	Fresno	T19S R15E Sec. 15
IIR	oil and gas extraction	EOR	CA	San Benito	T16S R11E Sec. 35

35.5662340827	-119.090275938	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1900
35.5219111367	-119.090710288	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2500
35.3179040593	-119.083298627	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6350
35.3466850455	-119.012104054	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4100
36.8878996572	-120.354492966	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3960
36.2746787922	-120.328244664	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	0-2500
36.494639567	-120.734256642	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1058

feet	Chanac	150	Sandstone
feet	Chanac	250	Sandstone
feet	Chanac	20	Sandstone
feet	Chanac	200	Sandstone
feet	Domengine	12	Sandstone
feet	Domengine, Lodo & Martinez	100	Sandstone and Claystone
feet	Domengine-Yokut	60	Sandstone

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P A

3/14/1983

P A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 547 9_547 Standard Oil Co./Asphalto Oil Field

9 548 9_548 Unit Operation Naval Petroleum Reserve No. 1, Standard
Oil Co./Elk Hills Oil Field

9 549 9_549 Buttes Gas & Oil Co./Fruitvale Oil Field

9 550 9_550 Signal Oil and Gas Co./Fruitvale Oil Field

9 551 9_551 Shell Oil Co./Vallecitos Oil Field

9 552 9_552 Idria Petroleum Corp./Vallecitos Oil Field

9 553 9_553 Shell Oil Co./Antelope Hills Oil Field

Oil and gas

No. 532

Oil and gas

Oper. No. 555-30R

Oil and gas

Denio Community 1

Oil and gas

KCL 33-34

Oil and gas

Ortiz 48-24

Oil and gas

Barnett-USL 1

Oil and gas

Voight Three 1

IIR	oil and gas extraction	EOR	CA	Kern	T30S R22E Sec. 25
IIR	oil and gas extraction	EOR	CA	Kern	T30S R23E Sec. 30
IIR	oil and gas extraction	EOR	CA	Kern	T29S R27E Sec. 19
IIR	oil and gas extraction	EOR	CA	Kern	T29S R27E Sec. 34
IIR	oil and gas extraction	EOR	CA	San Benito	T16S R10E Sec. 24
IIR	oil and gas extraction	EOR	CA	San Benito	T16S R12E Sec. 33
IIR	oil and gas extraction	EOR	CA	Kern	T28S R20E Sec. 5

35.2890564585	-119.562970019	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3050
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35.289208082	-119.545104464	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3200
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35.3907160009	-119.118910587	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4300
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35.3614556686	-119.065562789	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3000
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36.5239473116	-120.830707365	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	200-1000
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36.4949044105	-120.666626865	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1180
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35.5204957571	-119.84117716	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1900
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feet	Etchegoin	15	Shale
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feet	Etchegoin	22	Shale
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feet	Etchegoin	60	Shale
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feet	Etchegoin	50	Shale
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feet	Martinez	50	Shale
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feet	Martinez	32	Shale
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feet	Monterey	20	Shale
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 554 9_554 Standard Oil Co./Asphalto Oil Field

9 555 9_555 Standard Oil Co./Asphalto Oil Field

9 556 9_556 Standard Oil Co./Cymric Oil Field

9 557 9_557 Standard Oil Co./Cymric Oil Field

9 558 9_558 Gilliland Oil & Land Co./Devils Den Oil Field

9 559 9_559 Texaco Inc./McDonald Anticline Oil Field

9 560 9_560 Texaco Inc./McDonald Anticline Oil Field

Oil and gas

No. 532

Oil and gas

No. 532

Oil and gas

F&B-CWOD 572

Oil and gas

F&B-CWOD 572

Oil and gas

Kalloch 56-11

Oil and gas

No. 58-21

Oil and gas

No. 58-21

IIR	oil and gas extraction	EOR	CA	Kern	T30S R22E Sec. 25
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IIR	oil and gas extraction	EOR	CA	Kern	T30S R22E Sec. 25
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IIR	oil and gas extraction	EOR	CA	Kern	T30S R21E Sec. 3
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IIR	oil and gas extraction	EOR	CA	Kern	T30S R21E Sec. 3
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IIR	oil and gas extraction	EOR	CA	Kern	T25S R18E Sec. 11
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IIR	oil and gas extraction	EOR	CA	Kern	T28S R20E Sec. 21
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IIR	oil and gas extraction	EOR	CA	Kern	T28S R20E Sec. 21
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35.2890564585	-119.562970019	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4825
35.2890564585	-119.562970019	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7550
35.3447207196	-119.704619435	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1100
35.3447207196	-119.704619435	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1230
35.7673759984	-120.001036932	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1100
35.477130294	-119.82345066	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	500
35.477130294	-119.82345066	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2100

feet	Monterey	20	Shale
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feet	Monterey	200	Shale
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feet	Monterey	100	Shale
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feet	Monterey	210	Shale
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feet	Monterey	100	Shale
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feet	Monterey	1000	Shale
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feet	Monterey	30	Shale
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8569

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3/14/1983

4456

P A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 561 9_561 Texaco Inc./McDonald Anticline Oil Field

9 562 9_562 Texaco Inc./McDonald Anticline Oil Field

9 563 9_563 Texaco Inc./McDonald Anticline Oil Field

9 573 9_573 The Superior Oil Co./Midway-Sunset Oil Field

9 574 9_574 The Superior Oil Co./Midway-Sunset Oil Field

9 575 9_575 The Superior Oil Co./Midway-Sunset Oil Field

9 576 9_576 Gulf Oil Corp./Paloma Oil Field

Oil and gas

No. 58-21

Oil and gas

No. 58-21

Oil and gas

No. 58-21

Oil and gas

C.W.O.D. 58-21

Oil and gas

C.W.O.D. 58-21

Oil and gas

C.W.O.D. 58-21

Oil and gas

L.A. Club 67-6

IIR	oil and gas extraction	EOR	CA	Kern	T28S R20E Sec. 21
IIR	oil and gas extraction	EOR	CA	Kern	T28S R20E Sec. 21
IIR	oil and gas extraction	EOR	CA	Kern	T28S R20E Sec. 21
IIR	oil and gas extraction	EOR	CA	Kern and San Luis Obispo	T32S R23E Sec. 21
IIR	oil and gas extraction	EOR	CA	Kern and San Luis Obispo	T32S R23E Sec. 21
IIR	oil and gas extraction	EOR	CA	Kern and San Luis Obispo	T32S R23E Sec. 21
IIR	oil and gas extraction	EOR	CA	Kern	T32S R27E Sec. 6

35.477130294	-119.82345066	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1200
35.477130294	-119.82345066	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1400
35.477130294	-119.82345066	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1500
35.1300132787	-119.508553183	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1500- 1800
35.1300132787	-119.508553183	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3200
35.1300132787	-119.508553183	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1300- 4900
35.1728290612	-119.119124135	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	11400

feet	Monterey	60	Shale
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feet	Monterey	100	Shale
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feet	Monterey	40	Shale
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feet	Monterey	50-250	Shale
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feet	Monterey	40-400	Shale
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feet	Monterey	150	Shale
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feet	Monterey	100	Shale
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9426

P A

3/14/1983

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P A

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

- 9 577 9_577 Gulf Oil Corp./Paloma Oil Field
- 9 578 9_578 Standard Oil Co./Railroad Gap Oil Field
- 9 579 9_579 Atlantic Richfield Co./San Emidio Nose Oil Field
- 9 580 9_580 Shell Oil Co./White Wolf Oil Field
- 9 581 9_581 Shell Oil Co./White Wolf Oil Field
- 9 582 9_582 L.M. Lockhart/Cheney Ranch Gas Field
- 9 583 9_583 Shell Oil Co./Coalinga Oil Field

Oil and gas

L.A. Club 67-6

Oil and gas

No. 555

Oil and gas

KCL H 43-10

Oil and gas

KCL 68-32

Oil and gas

KCL 68-32

Oil and gas

England 1-31

Oil and gas

363X

IIR	oil and gas extraction	EOR	CA	Kern	T32S R27E Sec. 6
IIR	oil and gas extraction	EOR	CA	Kern	T30S R22E Sec. 15
IIR	oil and gas extraction	EOR	CA	Kern	T11N R21W Sec. 10
IIR	oil and gas extraction	EOR	CA	Kern	T11N R21W Sec. 32
IIR	oil and gas extraction	EOR	CA	Kern	T11N R21W Sec. 32
IIR	oil and gas extraction	EOR	CA	Fresno	T14S R13E Sec. 31
IIR	oil and gas extraction	EOR	CA	Fresno	T19S R15E Sec. 15

35.1728290612	-119.119124135	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	11700
35.3178951512	-119.598022152	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5000
35.0554816199	-119.109250579	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	12600
34.9974108489	-119.144400454	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2800
34.9974108489	-119.144400454	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1770
36.6699101522	-120.594781305	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7000
36.2746787922	-120.328244664	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	700

feet	Monterey	35	Shale
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feet	Monterey	1100	Shale
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feet	Monterey	150	Shale
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feet	Monterey	200	Shale
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feet	Monterey	740	Shale
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feet	Moreno	200	Shale
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feet	Moreno	140	Shale
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			3/14/1983
7541	P	A	

			3/14/1983
	P	A	

			3/14/1983
6512	P	A	

			3/14/1983
	P	A	

			3/14/1983
	P	A	

			3/14/1983
	P	A	

			3/14/1983
	P	A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

- 9 584 9_584 Shell Oil Co./Vallecitos Oil Field
- 9 585 9_585 Standard Oil Co./Ant Hill Oil Field
- 9 586 9_586 J. Ainslie Bell, Opr./Edison Oil Field
- 9 587 9_587 Union Oil Co./Mountain View Oil Field
- 9 588 9_588 Getty Oil Co./Mountain View Oil Field
- 9 589 9_589 Reserve Oil and Gas Co./Tejon Oil Field
- 9 590 9_590 D. J. Pickrell, Opr./Pyramid Hills Oil Field

Oil and gas

Ortiz 48-24

Oil and gas

Well No. 63

Oil and gas

Archibald 68

Oil and gas

Stenderup 55X-21

Oil and gas

Frick-Hogan 23-9

Oil and gas

Reserve-E.W. Pauley 12-34

Oil and gas

Avenal Land 1

IIR	oil and gas extraction	EOR	CA	San Benito	T16S R10E Sec. 24
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IIR	oil and gas extraction	EOR	CA	Kern	T29S R29E Sec. 21
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IIR	oil and gas extraction	EOR	CA	Kern	T30S R29E Sec. 20
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IIR	oil and gas extraction	EOR	CA	Kern	T31S R29E Sec. 21
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IIR	oil and gas extraction	EOR	CA	Kern	T31S R29E Sec. 9
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IIR	oil and gas extraction	EOR	CA	Kern	T11N R19W Sec. 34
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IIR	oil and gas extraction	EOR	CA	Kings	T24S R18E Sec. 19
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36.5239473116	-120.830707365	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	80-1300
35.3908878519	-118.869900953	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2300
35.3035178754	-118.887472301	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4400
35.2161641849	-118.869192953	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8900
35.2453306454	-118.869418453	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7000
34.9931818811	-118.890997287	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5600
35.825278874	-120.067178042	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5030

feet	Moreno	100	Shale
feet	Olcese	700	Sandstone
feet	Olcese	100	Sandstone
feet	Olcese	120	Sandstone
feet	Olcese	60	Sandstone
feet	Olcese	170	Sandstone
feet	Panoche	50	Sandstone

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1028

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P A

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9768

P A

3/14/1983

P A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9	591 9_591	Trico Oil and Gas Co./Hollister Oil Field
9	592 9_592	Trico Oil and Gas Co./Hollister Oil Field
9	593 9_593	Trico Industries, Inc./Mount Poso Oil Field
9	594 9_594	Trico Industries, Inc./Edison Oil Field
9	595 9_595	Gulf Oil Corp./Edison Oil Field
9	596 9_596	Casa Oil Assoc. Inc./Edison Oil Field
9	597 9_597	J. Ainslie Bell, Opr./Edison Oil Field

Oil and gas

O'Connell 1

Oil and gas

O'Connell 1

Oil and gas

USL 6-2

Oil and gas

Grayson 45-10

Oil and gas

Cohn Estate 1

Oil and gas

Berry Farms 18-4

Oil and gas

Archibald 68

IIR	oil and gas extraction	EOR	CA	San Benito	T12S R4E Sec. 14
IIR	oil and gas extraction	EOR	CA	San Benito	T12S R4E Sec. 14
IIR	oil and gas extraction	EOR	CA	Kern	T27S R28E Sec. 6
IIR	oil and gas extraction	EOR	CA	Kern	T30S R29E Sec. 10
IIR	oil and gas extraction	EOR	CA	Kern	T30S R28E Sec. 3
IIR	oil and gas extraction	EOR	CA	Kern	T30S R29E Sec. 4
IIR	oil and gas extraction	EOR	CA	Kern	T30S R29E Sec. 20

36.8717916007	-121.544921643	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1000- 3500
36.8717916007	-121.544921643	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5480
35.6099719041	-119.002088599	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1600
35.3327825379	-118.852000592	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3000
35.3468706686	-118.958699972	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4100
35.3472722315	-118.869796101	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3260
35.3035178754	-118.887472301	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4500

feet	Purísima	35	Sandstones
feet	Purísima	10	Sandstones
feet	Pyramid Hill	160	Sandstones
feet	Round Mountain	55	Siltstones
feet	Round Mountain	50	Siltstones
feet	Round Mountain	200	Siltstones
feet	Round Mountain	75	Siltstones

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	P	A	
			3/14/1983
	P	A	
			3/14/1983
	P	A	
			3/14/1983
103	P	A	
			3/14/1983
5141	P	A	
			3/14/1983
171	P	A	
			3/14/1983
857	P	A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 598 9_598 Reserve Oil and Gas Co./Tejon Oil Field

9 599 9_599 Gulf Oil Corp./Tejon Hills Oil Field

9 600 9_600 Gulf Oil Corp./Tejon Hills Oil Field

9 601 9_601 Reserve Oil and Gas Co./North Tejon Oil Field

9 602 9_602 Standard Oil Co./South Coles Levee Oil Field

9 603 9_603 Occidental Petroleum Corp./Dudley Ridge Gas Field

9 604 9_604 Mobil Oil Corp./Garrison City Gas Field

Oil and gas	Reserve-E.W. Pauley 12-34
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Oil and gas	Tejon Ranch 1
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Oil and gas	Tejon Ranch 1
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Oil and gas	R-S-T 187-19
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Oil and gas	KCL Lease 20 13
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Oil and gas	Howe 1
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Oil and gas	S.P.L. 51-15
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IIR	oil and gas extraction	EOR	CA	Kern	T11N R19W Sec. 34
IIR	oil and gas extraction	EOR	CA	Kern	T11N R18W Sec. 29
IIR	oil and gas extraction	EOR	CA	Kern	T11N R18W Sec. 29
IIR	oil and gas extraction	EOR	CA	Kern	T11N R19W Sec. 19
IIR	oil and gas extraction	EOR	CA	Kern	T31S R25E Sec. 5
IIR	oil and gas extraction	EOR	CA	Kings	T23S R19E Sec. 2
IIR	oil and gas extraction	EOR	CA	Kern	T28S R24E Sec. 15

34.9931818811	-118.890997287	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4650
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640 Acres	1 Section	1350
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640 Acres	1 Section	2100
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35.0251854488	-118.946584887	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	10900
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35.2605219367	-119.314616432	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4200
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35.9535866498	-119.889255636	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1280
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35.4928836865	-119.376862718	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3450
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feet	Round Mountain	80	Siltstones
feet	Round Mountain	30	Siltstones
feet	San Emigdio	75	Sandstone and Shale
feet	San Emigdio	100	Sandstone and Shale
feet	San Joaquin	200	Siltstone
feet	San Joaquin	20	Siltstone
feet	San Joaquin	10	Siltstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 605 9_605 Trico Oil and Gas Co./Harvester Gas Field

9 606 9_606 Trico Oil and Gas Co./Harvester Gas Field

9 607 9_607 The Superior Oil Co./Midway-Sunset Oil Field

9 608 9_608 Gulf Oil Corp./Paloma Oil Field

9 609 9_609 Gulf Oil Corp./Paloma Oil Field

9 610 9_610 Gulf Oil Corp./Paloma Oil Field

9 611 9_611 Gulf Oil Corp./Paloma Oil Field

Oil and gas

von Glahn 2-1

Oil and gas

von Glahn 2-1

Oil and gas

C.W.O.D. 58-21

Oil and gas

KCL-A 72-4

Oil and gas

KCL-A 72-4

Oil and gas

KCL-A 72-4

Oil and gas

KCL-A 72-4

IIR	oil and gas extraction	EOR	CA	Kings	T23S R21E Sec. 2
IIR	oil and gas extraction	EOR	CA	Kings	T23S R21E Sec. 2
IIR	oil and gas extraction	EOR	CA	Kern and San Luis Obispo	T32S R23E Sec. 21
IIR	oil and gas extraction	EOR	CA	Kern	T32S R26E Sec. 4
IIR	oil and gas extraction	EOR	CA	Kern	T32S R26E Sec. 4
IIR	oil and gas extraction	EOR	CA	Kern	T32S R26E Sec. 4
IIR	oil and gas extraction	EOR	CA	Kern	T32S R26E Sec. 4

35.9072071455	-119.699991322	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2800
35.9072071455	-119.699991322	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3750
35.1300132787	-119.508553183	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1100
35.1730095431	-119.190191957	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4180
35.1730095431	-119.190191957	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4580
35.1730095431	-119.190191957	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5180
35.1730095431	-119.190191957	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5440

feet	San Joaquin	6	Siltstone
feet	San Joaquin	10	Siltstone
feet	San Joaquin	150	Siltstone
feet	San Joaquin	12	Siltstone
feet	San Joaquin	20	Siltstone
feet	San Joaquin	25	Siltstone
feet	San Joaquin	10	Siltstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 612 9_612 Standard Oil Co./Railroad Gap Oil Field

9 613 9_613 Transco Oil Co./Northwest Trico Gas Field

9 614 9_614 Transco Oil Co./Northwest Trico Gas Field

9 615 9_615 Shell Oil Co./Canal Oil Field

9 616 9_616 Gene Reid Exploration CO./Comanche Point Oil Field

9 617 9_617 Hub Oil Co./Deer Creek Oil Field

9 618 9_618 Garner-Lange/North Deer Creek Oil Field

Oil and gas

No. 555

Oil and gas

SLF 1-25

Oil and gas

SLF 1-25

Oil and gas

Canal A 44-14

Oil and gas

G.B. Finch & Associates 1

Oil and gas

No. 1

Oil and gas

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IIR	oil and gas extraction	EOR	CA	Kern	T30S R22E Sec. 15
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IIR	oil and gas extraction	EOR	CA	Kings	T23S R21E Sec. 25
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IIR	oil and gas extraction	EOR	CA	Kings	T23S R21E Sec. 25
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IIR	oil and gas extraction	EOR	CA	Kern	T30S R25E Sec. 14
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IIR	oil and gas extraction	EOR	CA	Kern	T12N R18W Sec. 29
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IIR	oil and gas extraction	EOR	CA	Tulare	T22S R27E Sec. 27
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IIR	oil and gas extraction	EOR	CA	Tulare	T22S R27E Sec. 10
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35.3178951512	-119.598022152	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2300
35.898009012	-119.65520233	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2750
35.898009012	-119.65520233	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3800
35.3179844689	-119.261250364	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3100- 5900
			640 Acres	1 Section	650
35.9858679629	-119.044775303	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	715
36.0295019624	-119.044412325	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	790

feet	San Joaquin	25	Siltstone
feet	San Joaquin	8	Siltstone
feet	San Joaquin	10	Siltstone
feet	San Joaquin & Etchegoin	thin stringers	Siltstone and shale
feet	Santa Margarita	100	Sandstone
feet	Santa Margarita	20	Sandstone
feet	Santa Margarita	25	Sandstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 619 9_619 Standard Oil Co./Edison Oil Field

9 620 9_620 Trico Industries, Inc./Edison Oil Field

9 621 9_621 Casa Oil Assoc. Inc./Edison Oil Field

9 622 9_622 J. Ainslie Bell, Opr./Edison Oil Field

9 623 9_623 Signal Oil and Gas Co./Fruitvale Oil Field

9 624 9_624 Kernview Oil Co./Kern Bluff Oil Field

9 625 9_625 Frank Goldman/Mountain View Oil Field

Oil and gas

Jeppi Camp 55

Oil and gas

Grayson 45-10

Oil and gas

Berry Farms 18-4

Oil and gas

Archibald 68

Oil and gas

KCL 33-34

Oil and gas

Muir 13

Oil and gas

H.S. Jewett 3

IIR	oil and gas extraction	EOR	CA	Kern	T30S R29E Sec. 8
IIR	oil and gas extraction	EOR	CA	Kern	T30S R29E Sec. 10
IIR	oil and gas extraction	EOR	CA	Kern	T30S R29E Sec. 4
IIR	oil and gas extraction	EOR	CA	Kern	T30S R29E Sec. 20
IIR	oil and gas extraction	EOR	CA	Kern	T29S R27E Sec. 34
IIR	oil and gas extraction	EOR	CA	Kern	T29S R29E Sec. 18
IIR	oil and gas extraction	EOR	CA	Kern	T31S R29E Sec. 23

35.3326410941	-118.88752499	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3500
35.3327825379	-118.852000592	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	400-4400
35.3472722315	-118.869796101	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1830
35.3035178754	-118.887472301	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4000
35.3614556686	-119.065562789	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4500
35.4053370962	-118.905251657	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	950
35.216350975	-118.833284049	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6100- 6500

feet	Santa Margarita	30	Sandstone
feet	Santa Margarita	15-70	Sandstone
feet	Santa Margarita	40	Sandstone
feet	Santa Margarita	200	Sandstone
feet	Santa Margarita	75	Sandstone
feet	Santa Margarita	55	Sandstone
feet	Santa Margarita	100	Sandstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

- 9 626 9_626 Union Oil Co./Mountain View Oil Field
- 9 627 9_627 The Superior Oil Co./Mountain View Oil Field
- 9 628 9_628 Ferguson & Bosworth/Mountain View Oil Field
- 9 629 9_629 Jim Riley, Opr/Pleito Oil Field
- 9 630 9_630 Standard Oil Co./Poso Creek Oil Field
- 9 631 9_631 Reserve Oil and Gas Co./Tejon Oil Field
- 9 632 9_632 Gulf Oil Corp./Tejon Hills Oil Field

Oil and gas

Stenderup 55X-21

Oil and gas

Cal Pride Farms 1

Oil and gas

Union-Signal Tipton-
Stockton 57-34

Oil and gas

Ten West 16

Oil and gas

No. 34

Oil and gas

Reserve-E.W. Pauley 12-34

Oil and gas

Tejon Ranch 1

IIR	oil and gas extraction	EOR	CA	Kern	T31S R29E Sec. 21
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IIR	oil and gas extraction	EOR	CA	Kern	T31S R29E Sec. 15
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IIR	oil and gas extraction	EOR	CA	Kern	T31S R29E Sec. 34
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IIR	oil and gas extraction	EOR	CA	Kern	T11N R21W Sec. 35
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IIR	oil and gas extraction	EOR	CA	Kern	T28S R27E Sec. 5
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IIR	oil and gas extraction	EOR	CA	Kern	T11N R19W Sec. 34
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IIR	oil and gas extraction	EOR	CA	Kern	T11N R18W Sec. 29
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35.2161641849	-118.869192953	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8100
35.2308196988	-118.851407793	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6000
35.1871337424	-118.851037522	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8000- 9100
34.9977150081	-119.091409917	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4300
35.5219111367	-119.090710288	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3100
34.9931818811	-118.890997287	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2900
			640 Acres	1 Section	450

feet	Santa Margarita	150	Sandstone
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feet	Santa Margarita	50	Sandstone
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feet	Santa Margarita	200	Sandstone
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feet	Santa Margarita	200	Sandstone
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feet	Santa Margarita	40	Sandstone
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feet	Santa Margarita	100	Sandstone
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feet	Santa Margarita	50	Sandstone
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 633 9_633 Tres Carlos Exploration Co./Terra Bella Oil Field

9 634 9_634 Atlantic Richfield Co./Union Avenue Oil Field

9 635 9_635 Standard Oil Co./Wheeler Ridge Oil Field

9 636 9_636 Trico Industries, Inc./Edison Oil Field

9 637 9_637 Frank Goldman/Mountain View Oil Field

9 638 9_638 The Superior Oil Co./Mountain View Oil Field

9 639 9_639 Getty Oil Co./Mountain View Oil Field

Oil and gas

Tres Carlos Gardner 4B

Oil and gas

Union Avenue 1

Oil and gas

KCL 2 337

Oil and gas

Grayson 45-10

Oil and gas

H.S. Jewett 3

Oil and gas

Cal Pride Farms 1

Oil and gas

Frick-Hogan 23-9

IIR	oil and gas extraction	EOR	CA	Tulare	T22S R27E Sec. 35
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IIR	oil and gas extraction	EOR	CA	Kern	T30S R28E Sec. 6
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IIR	oil and gas extraction	EOR	CA	Kern	T11N R20W Sec. 27
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IIR	oil and gas extraction	EOR	CA	Kern	T30S R29E Sec. 10
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IIR	oil and gas extraction	EOR	CA	Kern	T31S R29E Sec. 23
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IIR	oil and gas extraction	EOR	CA	Kern	T31S R29E Sec. 15
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IIR	oil and gas extraction	EOR	CA	Kern	T31S R29E Sec. 9
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35.9714016204	-119.026902772	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	860
35.3466850455	-119.012104054	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5000
35.0123979781	-119.002513916	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1000
35.3327825379	-118.852000592	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1200- 4500
35.216350975	-118.833284049	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5700- 7100
35.2308196988	-118.851407793	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5800
35.2453306454	-118.869418453	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7275

feet	Santa Margarita	100	Sandstone
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feet	Santa Margarita	200	Sandstone
------	-----------------	-----	-----------

feet	Santa Margarita	170	Sandstone
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feet		360	Schist
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feet		100	Schist
------	--	-----	--------

feet		100	Schist
------	--	-----	--------

feet		75	Schist
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 640 9_640 Reserve Oil and Gas Co./North Tejon Oil Field

9 641 9_641 Shell Oil Co./Antelope Hills Oil Field

9 642 9_642 Shell Oil Co./Antelope Hills Oil Field

9 643 9_643 Shell Oil Co./Antelope Hills Oil Field

9 644 9_644 Standard Oil Co./Asphalto Oil Field

9 645 9_645 Union Oil Co./Belgian Anticline Oil Field

9 646 9_646 Belridge Oil Co./North Belridge Oil Field

Oil and gas

R-S-T 187-19

Oil and gas

Hopkins Fee 72X-31

Oil and gas

Voight Three 1

Oil and gas

Voight Three 1

Oil and gas

No. 532

Oil and gas

A-M Willow Springs 46X-9

Oil and gas

No. 55-26

IIR	oil and gas extraction	EOR	CA	Kern	T11N R19W Sec. 19
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IIR	oil and gas extraction	EOR	CA	Kern	T27S R20E Sec. 31
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IIR	oil and gas extraction	EOR	CA	Kern	T28S R20E Sec. 5
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IIR	oil and gas extraction	EOR	CA	Kern	T28S R20E Sec. 5
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IIR	oil and gas extraction	EOR	CA	Kern	T30S R22E Sec. 25
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IIR	oil and gas extraction	EOR	CA	Kern	T30S R21E Sec. 9
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IIR	oil and gas extraction	EOR	CA	Kern	T27S R20E Sec. 26
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35.0251854488	-118.946584887	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	11000
35.5349232862	-119.859152686	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2400- 3400
35.5204957571	-119.84117716	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2100
35.5204957571	-119.84117716	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2300
35.2890564585	-119.562970019	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8510
35.3283806125	-119.722133544	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4600
35.5498742428	-119.787830744	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6700

feet	Tejon	400	Sandstone and Shale
feet	Temblor	15	Sandstone and Shale
feet	Temblor	80	Sandstone and Shale
feet	Temblor	70-170	Sandstone and Shale
feet	Temblor	200	Sandstone and Shale
feet	Temblor	12	Sandstone and Shale
feet	Temblor	80	Sandstone and Shale

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

- 9 647 9_647 Belridge Oil Co./North Belridge Oil Field

- 9 648 9_648 The Superior Oil Co./Blackwells Corner Oil Field

- 9 649 9_649 Signal Oil and Gas Co./Capitola Park Oil Field

- 9 650 9_650 Shell Oil Co./Coalinga Oil Field

- 9 651 9_651 Standard Oil Co./Cymric Oil Field

- 9 652 9_652 Standard Oil Co./Cymric Oil Field

- 9 653 9_653 Gilliland Oil & Land Co./Devils Den Oil Field

Oil and gas

No. 55-26

Oil and gas

O.L.C. 7

Oil and gas

Orloff 1

Oil and gas

363X

Oil and gas

No. 512

Oil and gas

No. 512

Oil and gas

Kalloch 56-11

IIR	oil and gas extraction	EOR	CA	Kern	T27S R20E Sec. 26
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IIR	oil and gas extraction	EOR	CA	Kern	T26S R19E Sec. 30
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IIR	oil and gas extraction	EOR	CA	Kern	T11N R24W Sec. 26
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IIR	oil and gas extraction	EOR	CA	Fresno	T19S R15E Sec. 15
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IIR	oil and gas extraction	EOR	CA	Kern	T30S R22E Sec. 9
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IIR	oil and gas extraction	EOR	CA	Kern	T30S R22E Sec. 9
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IIR	oil and gas extraction	EOR	CA	Kern	T25S R18E Sec. 11
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35.5498742428	-119.787830744	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7100
35.6362402993	-119.965717702	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	700
35.010674383	-119.411455775	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	650
36.2746787922	-120.328244664	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	700-4600
35.3323561186	-119.615779338	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8600
35.3323561186	-119.615779338	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	10145
35.7673759984	-120.001036932	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1350

feet	Temblor	150	Sandstone and Shale
feet	Temblor	25	Sandstone and Shale
feet	Temblor	50	Sandstone and Shale
feet	Temblor	250	Sandstone and Shale
feet	Temblor	250	Sandstone and Shale
feet	Temblor	50	Sandstone and Shale
feet	Temblor	150	Sandstone and Shale

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 654 9_654 Signal Oil and Gas Co./Devils Den Oil Field

9 655 9_655 Signal Oil and Gas Co./Devils Den Oil Field

9 656 9_656 Shell Oil Co./Gonyer Anticline Oil Field

9 657 9_657 Sun Oil Co./Guijarral Hills Oil Field

9 658 9_658 Union Oil Co./Guijarral Hills Oil Field

9 659 9_659 Standard Oil Co./Jacalitos Oil Field

9 660 9_660 Standard Oil Co./Jacalitos Oil Field

Oil and gas	Hancock- M.J.M.&M.C.C.M.O. 34-24
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Oil and gas	Hancock- M.J.M.&M.C.C.M.O. 34-24
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Oil and gas	Gonyer 1
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Oil and gas	Dessel 41-2
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Oil and gas	Polvadero Unit 42-1
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Oil and gas	No. 65
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Oil and gas	No. 65
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IIR	oil and gas extraction	EOR	CA	Kern	T25S R18E Sec. 24
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IIR	oil and gas extraction	EOR	CA	Kern	T25S R18E Sec. 24
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IIR	oil and gas extraction	EOR	CA	Kern	T32S R23E Sec. 32
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IIR	oil and gas extraction	EOR	CA	Fresno	T21S R16E Sec. 2
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IIR	oil and gas extraction	EOR	CA	Fresno	T21S R16E Sec. 1
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IIR	oil and gas extraction	EOR	CA	Fresno	T21S R15E Sec. 21
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IIR	oil and gas extraction	EOR	CA	Fresno	T21S R15E Sec. 21
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35.7382533862	-119.983474557	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	200
35.7382533862	-119.983474557	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	200
35.0989542933	-119.525710048	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1700
36.130171122	-120.209096839	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7900
36.130274797	-120.191194818	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8350
36.0858488331	-120.352523677	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3400
36.0858488331	-120.352523677	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3700

feet	Temblor	50	Sandstone and Shale
feet	Temblor	260	Sandstone and Shale
feet	Temblor	450	Sandstone and Shale
feet	Temblor	20	Sandstone and Shale
feet	Temblor	20	Sandstone and Shale
feet	Temblor	170	Sandstone and Shale
feet	Temblor	160	Sandstone and Shale

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 661 9_661 Taft Well Drilling Co./Kreyenhagen Oil Field

9 662 9_662 Texaco Inc./McDonald Anticline Oil Field

9 663 9_663 Texaco Inc./McDonald Anticline Oil Field

9 664 9_664 Texaco Inc./McDonald Anticline Oil Field

9 665 9_665 Texaco Inc./McDonald Anticline Oil Field

9 666 9_666 Standard Oil Co./McKittrick Oil Field

9 667 9_667 Mobil Oil Corp./Pyramid Hills Oil Field

Oil and gas

No. 1

Oil and gas

No. 58-21

Oil and gas

No. 58-21

Oil and gas

No. 58-21

Oil and gas

No. 58-21

Oil and gas

Jacobson 572R

Oil and gas

Norris-Drilexco-Westslope
57-20

IIR	oil and gas extraction	EOR	CA	Fresno	T22S R16E Sec. 33
IIR	oil and gas extraction	EOR	CA	Kern	T28S R20E Sec. 21
IIR	oil and gas extraction	EOR	CA	Kern	T28S R20E Sec. 21
IIR	oil and gas extraction	EOR	CA	Kern	T28S R20E Sec. 21
IIR	oil and gas extraction	EOR	CA	Kern	T28S R20E Sec. 21
IIR	oil and gas extraction	EOR	CA	Kern	T30S R22E Sec. 18
IIR	oil and gas extraction	EOR	CA	Kings	T24S R18E Sec. 20

35.9710867649	-120.244289262	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	450
35.477130294	-119.82345066	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2200
35.477130294	-119.82345066	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2600
35.477130294	-119.82345066	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2600
35.477130294	-119.82345066	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1300
35.3178597604	-119.651336818	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	790
35.8252802989	-120.049188664	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	850

feet	Temblor	130	Sandstone and Shale
feet	Temblor	90	Sandstone and Shale
feet	Temblor	20	Sandstone and Shale
feet	Temblor	100	Sandstone and Shale
feet	Temblor	50	Sandstone and Shale
feet	Temblor	300	Sandstone and Shale
feet	Temblor	40	Sandstone and Shale

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9	668 9_668	Standard Oil Co./Railroad Gap Oil Field
9	669 9_669	Standard Oil Co./Railroad Gap Oil Field
9	670 9_670	Apex Petroleum Corp. Ltd./San Emigdio Oil Field
9	671 9_671	Calumet Gold Mine Co./East Temblor Oil Field
9	672 9_672	Victory Oil Co./Temblor Ranch Oil Field
9	685 9_685	Belridge Oil Co./North Belridge Oil Field
9	686 9_686	Signal Oil and Gas Co./Devils Den Oil Field

Oil and gas

No. 555

Oil and gas

No. 555

Oil and gas

Los Lobos 1

Oil and gas

FO'B 2

Oil and gas

J-12

Oil and gas

No. 55-26

Oil and gas

Hancock-
M.J.M.&M.C.C.M.O. 34-24

IIR	oil and gas extraction	EOR	CA	Kern	T30S R22E Sec. 15
IIR	oil and gas extraction	EOR	CA	Kern	T30S R22E Sec. 15
IIR	oil and gas extraction	EOR	CA	Kern	T10N R22W Sec. 5
IIR	oil and gas extraction	EOR	CA	Kern	T29S R21E Sec. 31
IIR	oil and gas extraction	EOR	CA	Kern	T29S R20E Sec. 36
IIR	oil and gas extraction	EOR	CA	Kern	T27S R20E Sec. 26
IIR	oil and gas extraction	EOR	CA	Kern	T25S R18E Sec. 24

35.3178951512	-119.598022152	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8000
35.3178951512	-119.598022152	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	9100
34.9857080657	-119.251372989	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1415
35.3614799208	-119.757529757	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2060
35.3582299551	-119.774964463	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	400
35.5498742428	-119.787830744	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8550
35.7382533862	-119.983474557	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	500

feet	Temblor	50	Sandstone and Shale
feet	Temblor	180	Sandstone and Shale
feet	Temblor	62	Sandstone and Shale
feet	Temblor	25	Sandstone and Shale
feet	Temblor	60	Sandstone and Shale
feet	Tumey	75	Shale
feet	Tumey	300	Shale

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

- 9 687 9_687 Texaco Inc./McDonald Anticline Oil Field

- 9 688 9_688 Great Western Drilling/Welcome Valley Oil Field

- 9 689 9_689 Shell Oil Co./Dyer Creek Oil Field

- 9 690 9_690 Casa Oil Assoc. Inc./Edison Oil Field

- 9 691 9_691 Morton & Sons/Jasmin Oil Field

- 9 692 9_692 Pacific Oil & Gas Dev. Corp./Mount Poso Oil Field

- 9 693 9_693 Trico Industries, Inc./Mount Poso Oil Field

Oil and gas

No. 58-21

Oil and gas

Eddyell 2

Oil and gas

Smith Cairns 2

Oil and gas

Berry Farms 18-4

Oil and gas

Quinn 1-16

Oil and gas

City of San Francisco 56-32

Oil and gas

USL 6-2

IIR	oil and gas extraction	EOR	CA	Kern	T28S R20E Sec. 21
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IIR	oil and gas extraction	EOR	CA	Kern	T26S R19E Sec. 7
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IIR	oil and gas extraction	EOR	CA	Kern	T26S R27E Sec. 11
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IIR	oil and gas extraction	EOR	CA	Kern	T30S R29E Sec. 4
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IIR	oil and gas extraction	EOR	CA	Kern	T25S R27E Sec. 16
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IIR	oil and gas extraction	EOR	CA	Kern	T27S R28E Sec. 32
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IIR	oil and gas extraction	EOR	CA	Kern	T27S R28E Sec. 6
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35.477130294	-119.82345066	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8000
35.6799213515	-119.965594958	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	100
35.6824207672	-119.03641325	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2340
35.3472722315	-118.869796101	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4730
35.7546995467	-119.071758045	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2750
35.5372197896	-118.985669656	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2575
35.6099719041	-119.002088599	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1750

feet	Tumey	60	Shale
feet	Tumey	100	Shale
feet	Vedder	75	Sandstone
feet	Vedder	100	Sandstone
feet	Vedder	30-80	Sandstone
feet	Vedder	15-50	Sandstone
feet	Vedder	140	Sandstone

			3/14/1983
		P	A
			3/14/1983
6855		P	A
			3/14/1983
600		P	A
			3/14/1983
1028		P	A
			3/14/1983
171		P	A
			3/14/1983
1028		P	A
			3/14/1983
1371		P	A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 694 9_694 Trico Industries, Inc./Mount Poso Oil Field

9 695 9_695 Trico Industries, Inc./Mount Poso Oil Field

9 696 9_696 Trico Industries, Inc./Mount Poso Oil Field

9 697 9_697 Lyle A. Garner & Assoc./Mount Poso Oil Field

9 698 9_698 Emjayco/Mount Poso Oil Field

9 699 9_699 Glen H. Mitchell/Mount Poso Oil Field

9 700 9_700 The White Hill Oil Co./Mount Poso Oil Field

Oil and gas	USL 6-2
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Oil and gas	USL 6-2
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Oil and gas	USL 6-2
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Oil and gas	S.P. 3-1
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Oil and gas	Glide 15-1
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Oil and gas	SP 1
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Oil and gas	No. 1
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IIR	oil and gas extraction	EOR	CA	Kern	T27S R28E Sec. 6
IIR	oil and gas extraction	EOR	CA	Kern	T27S R28E Sec. 6
IIR	oil and gas extraction	EOR	CA	Kern	T27S R28E Sec. 6
IIR	oil and gas extraction	EOR	CA	Kern	T27S R28E Sec. 3
IIR	oil and gas extraction	EOR	CA	Kern	T27S R28E Sec. 15
IIR	oil and gas extraction	EOR	CA	Kern	T26S R28E Sec. 33
IIR	oil and gas extraction	EOR	CA	Kern	T27S R28E Sec. 34

35.6099719041	-119.002088599	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1900
35.6099719041	-119.002088599	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1985
35.6099719041	-119.002088599	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2105
35.6095116406	-118.949646755	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1390
35.5802505248	-118.949781164	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1500
35.6241846061	-118.967177466	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1560
35.5366380132	-118.950238625	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1750

feet	Vedder	80	Sandstone
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feet	Vedder	120	Sandstone
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feet	Vedder	50	Sandstone
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feet	Vedder	30	Sandstone
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feet	Vedder	30	Sandstone
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feet	Vedder	35	Sandstone
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feet	Vedder	25	Sandstone
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			3/14/1983
		P	A
			3/14/1983
1285		P	A
			3/14/1983
1114		P	A
			3/14/1983
171		P	A
			3/14/1983
86		P	A
			3/14/1983
171		P	A
			3/14/1983
3256		P	A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9 701 9_701 American Pacific International, Inc./Poso Creek Oil Field

9 702 9_702 C.C. Killingsworth/Round Mountain Oil Field

9 703 9_703 Richard S. Rhee, Opr./Round Mountain Oil Field

9 704 9_704 Shell Oil Co./Round Mountain Oil Field

9 705 9_705 Piute Holding Co./Round Mountain Oil Field

9 775 9_775 Occidental Petroleum Corp/El Segundo Oil Field

9 776 9_776 Union Oil Co of Calif/Santa Paula Oil Field

Oil and gas

Claflin 2

Oil and gas

Alma 6

Oil and gas

Smoot-Vedder 2

Oil and gas

Jewett 3

Oil and gas

Smith 1

Oil and gas

Title Insurance and Trust Co
3

Oil and gas

Ex-Mission X-7

IIR	oil and gas extraction	EOR	CA	Kern	T27S R27E Sec. 10
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IIR	oil and gas extraction	EOR	CA	Kern	T28S R28E Sec. 15
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IIR	oil and gas extraction	EOR	CA	Kern	T28S R28E Sec. 1
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IIR	oil and gas extraction	EOR	CA	Kern	T28S R29E Sec. 29
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IIR	oil and gas extraction	EOR	CA	Kern	T28S R29E Sec. 17
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T3S R15W Sec. 11
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IIR	oil and gas extraction	EOR	CA	Ventura	T4N R22W Sec. 33
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35.5953314322	-119.054520701	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3160
35.4920683266	-118.949782026	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2600
35.5211501608	-118.914870441	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1650
			640 Acres	1 Section	2000
			640 Acres	1 Section	1390
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1490- 4180
34.3794136131	-119.193750456	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	150-2000

feet	Vedder	30	Sandstone
feet	Vedder	15	Sandstone
feet	Vedder	30	Sandstone
feet	Vedder	80	Sandstone
feet	Vedder	40	Sandstone
feet	Pico-Repetto	300	Siltstone and Sandstone
feet	Pico-Santa Maria	Thin sand stringers and fractured shale	Siltstone and Sandstone

3/14/1983

P A

3/14/1983

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3/14/1983

1285

P A

3/14/1983

1628

P A

3/14/1983

P A

3/14/1983

P A

3/14/1983

3427.52304

P A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9 777 9_777 Union Oil Co of Calif/Santa Paula Oil Field

9 778 9_778 C.W. Colgrove/Arroyo Grande Oil Field

9 779 9_779 Mindevco Inc/Arroyo Grande Oil Field

9 780 9_780 Mindevco Inc/Arroyo Grande Oil Field

9 706 9_706 Mobil Oil Corp./Round Mountain Oil Field

9 707 9_707 Gulf Oil Corp./Tejon Hills Oil Field

9 708 9_708 Atlantic Richfield Co./Wheeler Ridge Oil Field

Oil and gas

Ex-Mission X-7

Oil and gas

Elberta 1-5

Oil and gas

Adams 1

Oil and gas

Adams 1

Oil and gas

Bradford 1

Oil and gas

Tejon Ranch 1

Oil and gas

KCL S 61-27

IIR	oil and gas extraction	EOR	CA	Ventura	T4N R22W Sec. 33
IIR	oil and gas extraction	EOR	CA	San Luis Obispo	T32S R13E Sec. 5
IIR	oil and gas extraction	EOR	CA	San Luis Obispo	T31S R13E Sec. 31
IIR	oil and gas extraction	EOR	CA	San Luis Obispo	T31S R13E Sec. 31
IIR	oil and gas extraction	EOR	CA	Kern	T28S R28E Sec. 15
IIR	oil and gas extraction	EOR	CA	Kern	T11N R18W Sec. 29
IIR	oil and gas extraction	EOR	CA	Kern	T11N R20W Sec. 27

34.3794136131	-119.193750456	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	150-2000
35.1656470482	-120.558523822	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2890
35.2035824129	-120.579432523	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	750
35.2035824129	-120.579432523	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2000
35.4920683266	-118.949782026	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2400
			640 Acres	1 Section	1565
35.0123979781	-119.002513916	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8758

feet	Pico-Santa Maria	Thin sand stringers and fractured shale	Siltstone and Sandstone
feet	Pismo	50	Sandstone/siltstone/mudstone/conglomerate
feet	Pismo	300	Sandstone/siltstone/mudstone/conglomerate
feet	Pismo	100	Sandstone/siltstone/mudstone/conglomerate
feet	Vedder	25	Sandstone
feet	Vedder	100	Sandstone
feet	Vedder	22	Sandstone

3/14/1983

9425.68837

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3/14/1983

1028.25691

P A

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P A

3/14/1983

P A

3/14/1983

P A

3/14/1983

P A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

9	709 9_709	Trico Industries, Inc./Edison Oil Field
9	710 9_710	Pacific Oil & Gas Development Corp./West Jasmin Oil Field
9	711 9_711	Piute Holding Co./Round Mountain Oil Field
9	712 9_712	Occidental Petroleum Corp./Kernsumner Oil Field
9	713 9_713	Artnell Co. and Artnell Oil & Gas Co./Vallecitos Oil Field
9	714 9_714	Shell Oil Co./Vallecitos Oil Field
9	715 9_715	Shell Oil Co./Vallecitos Oil Field

Oil and gas

Grayson 45-10

Oil and gas

W.G.O.-Unit A 52-30

Oil and gas

Smith 1

Oil and gas

Garrone 1

Oil and gas

Mohawk-Ashurst 5-5

Oil and gas

F. & I. 78-29

Oil and gas

Briggs 6-36

IIR	oil and gas extraction	EOR	CA	Kern	T30S R29E Sec. 10
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IIR	oil and gas extraction	EOR	CA	Kern	T25S R27E Sec. 30
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IIR	oil and gas extraction	EOR	CA	Kern	T28S R29E Sec. 17
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IIR	oil and gas extraction	EOR	CA	Kern	T30S R28E Sec. 20
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IIR	oil and gas extraction	EOR	CA	San Benito	T17S R11E Sec. 5
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IIR	oil and gas extraction	EOR	CA	San Benito	T16S R11E Sec. 29
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IIR	oil and gas extraction	EOR	CA	San Benito	T16S R10E Sec. 36
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35.3327825379	-118.852000592	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2900
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35.7255241639	-119.107293076	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4200
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640 Acres	1 Section	1535
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35.3031654964	-118.994241515	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	10530
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36.4804508978	-120.788653783	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5300
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36.509304141	-120.788930137	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3800
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36.4948926615	-120.830238477	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2500
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feet	Walker	120	Sandstone
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feet	Walker	30	Sandstone
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feet	Walker	50	Sandstone
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feet	Wicker Gorge Fill	50	
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feet	Yokut	300	Sandstone
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feet	Yokut	40	Sandstone
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feet	Yokut	125	Sandstone
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			3/14/1983
86	P	A	
			3/14/1983
	P	A	
			3/14/1983
	P	A	
			3/14/1983
	P	A	
1885	P	A	
			3/14/1983
	P	A	
			3/14/1983
1114	P	A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)

- 9 716 9_716 Lebow-Radin/Camden Oil Field

- 9 717 9_717 Continental Oil Co./Hanford Oil Field

- 9 718 9_718 Argo Petroleum Corp/Hopper Canyon Oil Field

- 9 719 9_719 Getty Oil Co/Hopper Canyon Oil Field

- 9 720 9_720 Getty Oil Co/Piru Oil Field

- 9 721 9_721 Kenneth H. Hunter, Jr., Co./Piru Oil Field

- 9 722 9_722 Getty Oil Co/Piru Creek Oil Field

Oil and gas

Coleman Community 1

Oil and gas

Drummond 1

Oil and gas

Hopper Canyon 14

Oil and gas

Getty Oil Co No 4

Oil and gas

Crocker Fee 1-D

Oil and gas

Colonia 1

Oil and gas

Temescal 33

IIR	oil and gas extraction	EOR	CA	Fresno	T17S R20E Sec. 8
IIR	oil and gas extraction	EOR	CA	Kings	T18S R22E Sec. 36
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R19W Sec. 13
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R19W Sec. 12
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R18W Sec. 7
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R18W Sec. 17
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R18W Sec. 15

36.4672722306	-119.825604822	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6120
36.3208012066	-119.538017733	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5250
34.4299932031	-118.823127846	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2700
34.4439481958	-118.822943798	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	660
34.4447390079	-118.8048353	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	900
34.4286090028	-118.791343702	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	500
34.4290893398	-118.751107854	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2000

feet	Zilch	17	Sandstone
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feet	Zilch	8	Sandstone
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feet	Modelo	1500	Sandstone
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feet	Modelo	NA	Sandstone
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feet	Modelo	320	Sandstone
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feet	Modelo	200	Sandstone
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feet	Modelo	100	Sandstone
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5998.16533

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 18B. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

- 9 723 9_723 The Superior Oil Co/Ramona Oil Field

- 9 724 9_724 The Superior Oil Co/Ramona Oil Field

- 9 725 9_725 The Superior Oil Co/Ramona Oil Field

- 9 726 9_726 Central Lease, Inc/Tapo, North, Oil Field

- 9 727 9_727 Central Lease, Inc/Tapo, North, Oil Field

- 9 728 9_728 Central Lease, Inc/Tapo, North, Oil Field

- 9 729 9_729 Central Lease, Inc/Tapo, North, Oil Field

Oil and gas

Black 15

Oil and gas

Black 15

Oil and gas

Black 15

Oil and gas

N.L. & F. 0-31

Oil and gas

N.L. & F. 0-31

Oil and gas

N.L. & F. 0-31

Oil and gas

N.L. & F. 0-31

IIR	oil and gas extraction	EOR	CA	Los Angeles and Ventura	T4N R18W Sec. 13
IIR	oil and gas extraction	EOR	CA	Los Angeles and Ventura	T4N R18W Sec. 13
IIR	oil and gas extraction	EOR	CA	Los Angeles and Ventura	T4N R18W Sec. 13
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R18W Sec. 35
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R18W Sec. 35
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R18W Sec. 35
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R18W Sec. 35

34.4314954129	-118.720313663	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4500
34.4314954129	-118.720313663	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6400
34.4314954129	-118.720313663	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7700
34.4317530074	-118.773658685	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1000
34.4317530074	-118.773658685	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1200
34.4317530074	-118.773658685	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1500
34.4317530074	-118.773658685	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1800

feet	Modelo	1100	Sandstone
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feet	Modelo	550	Sandstone
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feet	Modelo	150	Sandstone
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feet	Modelo	95	Sandstone
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feet	Modelo	120	Sandstone
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feet	Modelo	190	Sandstone
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feet	Modelo	70	Sandstone
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6855.04609

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9 730 9_730 Central Lease, Inc/Tapo, North, Oil Field

9 731 9_731 Havenstrite Oil Co/Tapo Canyon, South

9 732 9_732 Getty Oil Co/Temescal Oil Field

9 733 9_733 Getty Oil Co/Temescal Oil Field

9 752 9_752 Texaco Inc/Monroe Swell Oil Field

9 753 9_753 Texaco Inc/Monroe Swell Oil Field

9 754 9_754 Union Oil Co of Calif/Oakridge Oil Field

Oil and gas

N.L. & F. 0-31

Oil and gas

Tapo 1

Oil and gas

Temescal 14

Oil and gas

Temescal 14

Oil and gas

Dunphy 1

Oil and gas

Dunphy 1

Oil and gas

Oakridge 1-3

IIR	oil and gas extraction	EOR	CA	Ventura	T4N R18W Sec. 35
IIR	oil and gas extraction	EOR	CA	Ventura	T3N R18W Sec. 13
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R18W Sec. 4
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R18W Sec. 4
IIR	oil and gas extraction	EOR	CA	Monterey	T19S R7E Sec. 30
IIR	oil and gas extraction	EOR	CA	Monterey	T19S R7E Sec. 30
IIR	oil and gas extraction	EOR	CA	Ventura	T3N R18W Sec. 3

34.4317530074	-118.773658685	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2000
34.3741132356	-118.805833207	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2200
34.4617596199	-118.776015753	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2200
34.4617596199	-118.776015753	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2600
36.2492876913	-121.251682329	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2900
36.2492876913	-121.251682329	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3200
34.3741132356	-118.805833207	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2400

feet	Modelo	150	Sandstone
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feet	Modelo	60	Sandstone
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feet	Modelo	40	Sandstone
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feet	Modelo	300	Sandstone
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feet	Monterey	200	Shale
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feet	Monterey	150	Shale
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feet	Monterey	125	Shale
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685.504609

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9	755 9_755	Barron Kidd/Quinado Canyon Oil Field
9	756 9_756	Exxon Corp/San Ardo Oil Field
9	757 9_757	Exxon Corp/San Ardo Oil Field
9	758 9_758	North American Oil Consolidated/San Ardo Oil Field
9	759 9_759	Shell Oil Co/Santa Maria Valley Oil Field
9	760 9_760	Union Oil Co of Calif/Santa Maria Valley Oil Field
9	761 9_761	Getty Oil Co/Zaca Oil Field

Oil and gas

Gamboa-Kelley 3

Oil and gas

Aurignac 1

Oil and gas

Aurignac 1

Oil and gas

North American Oil
Consolidated No 1

Oil and gas

Shell-Standard-
Blanckenburg 1

Oil and gas

Gilliland 38-8

Oil and gas

Luton 113

IIR	oil and gas extraction	EOR	CA	Monterey	T4N R18W Sec. 15
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IIR	oil and gas extraction	EOR	CA	Monterey	T23S R10E Sec. 9
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IIR	oil and gas extraction	EOR	CA	Monterey	T23S R10E Sec. 9
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IIR	oil and gas extraction	EOR	CA	Monterey	T22S R10E Sec. 34
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IIR	oil and gas extraction	EOR	CA	Santa Barbara	T9N R34W Sec. 1
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IIR	oil and gas extraction	EOR	CA	Santa Barbara	T9N R33W Sec. 8
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IIR	oil and gas extraction	EOR	CA	Santa Barbara	T8N R31W Sec. 29
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34.4290893398	-118.751107854	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2035
35.9442773828	-120.895504439	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2000
35.9442773828	-120.895504439	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2400
35.977008537	-120.870136182	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2100
34.8871065939	-120.409939246	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5610
34.8724315523	-120.374229366	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6725
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3500

feet	Monterey	60	Shale
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feet	Monterey	150	Shale
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feet	Monterey	120	Shale
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feet	Monterey	40	Shale
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feet	Monterey	295	Shale
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feet	Monterey	850	Shale
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feet	Monterey	1700	Shale
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3427.52304

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

- 9 762 9_762 Sun Oil Co/Anaheim Oil Field

- 9 763 9_763 Standard Oil Co of Calif/Inglewood Oil Field

- 9 764 9_764 Standard Oil Co of Calif/Mission Oil Field

- 9 765 9_765 Standard Oil Co of Calif/Newhall Oil Field

- 9 766 9_766 R.A. Provost Assoc/Placerita Oil Field

- 9 767 9_767 R.A. Provost Assoc/Placerita Oil Field

- 9 768 9_768 Mobil Oil Corp/Santa Fe Springs Oil Field

Oil and gas

Foiles 1

Oil and gas

Buckler 1A

Oil and gas

Mission 5 1

Oil and gas

Elsmere 23

Oil and gas

Protrana 2

Oil and gas

Protrana 2

Oil and gas

Mobil Oil Corp 428-F

IIR	oil and gas extraction	EOR	CA	Orange	T4S R10W Sec. 22
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R14W Sec. 16
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T2N R16W Sec. 2
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T3N R15W Sec. 7
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T4N R16W Sec. 25
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T4N R16W Sec. 25
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T3S R11W Sec. 6
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		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4350
33.9855158966	-118.322001622	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	950
34.2195319338	-118.49481538	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6000
34.3593354551	-118.493204171	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	780
34.3991163579	-118.502254611	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	800
34.3991163579	-118.502254611	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1700
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2000

feet	Pico	130	Siltstone and Sandstone
feet	Pico	100	Siltstone and Sandstone
feet	Pico	100	Siltstone and Sandstone
feet	Pico	100	Siltstone and Sandstone
feet	Pico	200	Siltstone and Sandstone
feet	Pico	400	Siltstone and Sandstone
feet	Pico	35	Siltstone and Sandstone

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3427.52304

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

- 9 769 9_769 Gulf Oil Co/Chaffee Canyon Gas Field

- 9 770 9_770 Standard Oil Co of Calif, Opr/Fillmore Oil Field

- 9 771 9_771 Standard Oil Co of Calif/Montalvo, West, Oil Field

- 9 772 9_772 Texaco Inc/South Mountain Oil Field

- 9 773 9_773 Atlantic Richfield Co/Timber Canyon Oil Field

- 9 774 9_774 Atlantic Richfield Co/Timber Canyon Oil Field

- 9 781 9_781 Mindevco Inc/Arroyo Grande Oil Field

Oil and gas

Hunter 1

Oil and gas

B 1

Oil and gas

McGrath 4 1212

Oil and gas

T-U Norman Richardson
Heirs 1

Oil and gas

Atlas-Smith 1

Oil and gas

Atlas-Smith 1

Oil and gas

Adams 1

IIR	oil and gas extraction	EOR	CA	Ventura	T3N R18W Sec. 6
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R19W Sec. 20
IIR	oil and gas extraction	EOR	CA	Ventura	T2N R23W Sec. 35
IIR	oil and gas extraction	EOR	CA	Ventura	T3N R21W Sec. 14
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R21W Sec. 14
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R21W Sec. 14
IIR	oil and gas extraction	EOR	CA	San Luis Obispo	T31S R13E Sec. 31

34.3738065985	-118.807332382	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8712
34.4155790979	-118.892620562	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	14550
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6000
34.3408257209	-119.049926358	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7200
34.4294639894	-119.051064725	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	500-3000
34.4294639894	-119.051064725	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	500-3000
35.2035824129	-120.579432523	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2500

feet	Pico	43	Siltstone and Sandstone
feet	Pico	80	Siltstone and Sandstone
feet	Pico	4000	Siltstone and Sandstone
feet	Pico	1250	Siltstone and Sandstone
feet	Pico	100	Siltstone and Sandstone
feet	Pico	55	Siltstone and Sandstone
feet	Pismo	100	Sandstone/siltstone/mudstone/conglomerate

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

- 9 782 9_782 Atlantic Richfield Co/Casmalia Oil Field
- 9 783 9_783 Getty Oil Co/Lopez Canyon Oil Field
- 9 784 9_784 Gilliland Oil & Land Co/Santa Maria Valley Oil Field
- 9 785 9_785 York Petroleum Co/Esperanza Oil Field
- 9 786 9_786 Shell Oil Co/Kraemer Oil Field
- 9 787 9_787 Shell Oil Co/Kraemer Oil Field
- 9 788 9_788 Shell Oil Co/Kraemer Oil Field

Oil and gas

Soladino Fee 52

Oil and gas

U.S.L. 18-15

Oil and gas

Bradley 5-2

Oil and gas

Dometal 1

Oil and gas

Shell Travis 1

Oil and gas

Shell Travis 1

Oil and gas

Shell Travis 1

IIR	oil and gas extraction	EOR	CA	Santa Barbara	T9N R34W Sec. 18
IIR	oil and gas extraction	EOR	CA	San Luis Obispo	T31S R14E Sec. 15
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T9N R33W Sec. 5
IIR	oil and gas extraction	EOR	CA	Orange	T3S R8W Sec. 19
IIR	oil and gas extraction	EOR	CA	Orange	T3S R9W Sec. 36
IIR	oil and gas extraction	EOR	CA	Orange	T3S R9W Sec. 36
IIR	oil and gas extraction	EOR	CA	Orange	T3S R9W Sec. 36

34.8251779672	-120.419899778	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2750
35.2268645446	-120.462282751	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2500
34.8869619817	-120.374327491	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4520
33.9222469733	-117.710421433	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1600
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1900
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2400
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3300

feet	Point Sal	500	Sandstone/siltstone/mudstone
feet	Point Sal	140	Sandstone/siltstone/mudstone
feet	Point Sal	1850	Sandstone/siltstone/mudstone
feet	Puente	375	Sandstone
feet	Puente	200	Sandstone
feet	Puente	300	Sandstone
feet	Puente	250	Sandstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

- 9 789 9_789 Texaco Inc/Kraemer, Northeast, Oil Field
- 9 790 9_790 Patrick A. Doheny/Kraemer, West, Oil Field
- 9 791 9_791 Pyramid Oil Co/Leffingwell Oil Field
- 9 792 9_792 Pyramid Oil Co/Leffingwell Oil Field
- 9 793 9_793 Shell Oil Co/Long Beach Oil Field
- 9 794 9_794 Ventura Oil Co/Los Angeles City Oil Field
- 9 795 9_795 Ventura Oil Co/Los Angeles City Oil Field

Oil and gas

Travis 1

Oil and gas

Stern 3

Oil and gas

K 1

Oil and gas

K 1

Oil and gas

Alamitos 48-A

Oil and gas

L.A. Brick 1

Oil and gas

L.A. Brick 1

IIR	oil and gas extraction	EOR	CA	Orange	T3S R8W Sec. 30
IIR	oil and gas extraction	EOR	CA	Orange	T3S R9W Sec. 35
IIR	oil and gas extraction	EOR	CA	Los Angeles	T3S R11W Sec. 11
IIR	oil and gas extraction	EOR	CA	Los Angeles	T3S R11W Sec. 11
IIR	oil and gas extraction	EOR	CA	Los Angeles	T4S R12W Sec. 29
IIR	oil and gas extraction	EOR	CA	Los Angeles	T1S R13W Sec. 21
IIR	oil and gas extraction	EOR	CA	Los Angeles	T1S R13W Sec. 21

33.9222469733	-117.710421433	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3035
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3100
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8000
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8400
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6700
34.1277539972	-118.24748584	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	900
34.1277539972	-118.24748584	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1100

feet	Puente	85	Sandstone
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feet	Puente	100	Sandstone
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feet	Puente	100	Sandstone
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feet	Puente	200	Sandstone
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feet	Puente	600	Sandstone
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feet	Puente	125	Sandstone
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feet	Puente	30	Sandstone
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1028.25691

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3256.14689

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9 796 9_796 Ventura Oil Co/Los Angeles City Oil Field

9 797 9_797 Mahala Oil & Gas Co/Mahala Oil Field

9 798 9_798 Mahala Oil & Gas Co/Mahala Oil Field

9 799 9_799 Mahala Oil & Gas Co/Mahala Oil Field

9 800 9_800 KMT Oil Co Inc/Mahala Oil Field

9 801 9_801 Jade Oil & Gas Co/Mahala Oil Field

9 802 9_802 Jade Oil & Gas Co/Mahala Oil Field

Oil and gas

L.A. Brick 1

Oil and gas

Mahala Oil & Gas Co No 2

Oil and gas

Mahala Oil & Gas Co No 2

Oil and gas

Mahala Oil & Gas Co No 2

Oil and gas

Franco-Langstaff 57

Oil and gas

Scott 7

Oil and gas

Scott 7

IIR	oil and gas extraction	EOR	CA	Los Angeles	T1S R13W Sec. 21
IIR	oil and gas extraction	EOR	CA	San Bernardino	T3S R8W Sec. 13
IIR	oil and gas extraction	EOR	CA	San Bernardino	T3S R8W Sec. 13
IIR	oil and gas extraction	EOR	CA	San Bernardino	T3S R8W Sec. 13
IIR	oil and gas extraction	EOR	CA	San Bernardino	T3S R8W Sec. 13
IIR	oil and gas extraction	EOR	CA	Riverside	T3S R7W Sec. 18
IIR	oil and gas extraction	EOR	CA	Riverside	T3S R7W Sec. 18

34.1277539972	-118.24748584	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1500
33.9105351574	-117.671552159	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1000
33.9105351574	-117.671552159	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1700
33.9105351574	-117.671552159	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2500
33.9105351574	-117.671552159	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3700
33.9095761445	-117.657835136	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3500
33.9095761445	-117.657835136	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3500

feet	Puente	30	Sandstone
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feet	Puente	250	Sandstone
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feet	Puente	400	Sandstone
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feet	Puente	600	Sandstone
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feet	Puente	400	Sandstone
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feet	Puente	250	Sandstone
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feet	Puente	100	Sandstone
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9	803 9_803	Jade Oil & Gas Co/Mahala Oil Field
9	804 9_804	Pacific Lighting Service Co/Montebello Oil Field
9	805 9_805	Pacific Lighting Service Co/Montebello Oil Field
9	806 9_806	Gilbert H. Bessemyer/Newport Oil Field
9	807 9_807	James Cagney-William Cagney/Newport Oil Field
9	808 9_808	Ajax Petroleum Co, Ltd/Newport Oil Field
9	809 9_809	Exxon Corp/West Newport Oil Field

Oil and gas

Scott 7

Oil and gas

Howard & Smith 3

Oil and gas

Howard & Smith 3

Oil and gas

Steel Rig 1

Oil and gas

Cagney 5

Oil and gas

Mesa 1

Oil and gas

Thorpe 1

IIR	oil and gas extraction	EOR	CA	Riverside	T3S R7W Sec. 18
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R12W Sec. 2
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R12W Sec. 2
IIR	oil and gas extraction	EOR	CA	Orange	T6S R10W Sec. 28
IIR	oil and gas extraction	EOR	CA	Orange	T6S R10W Sec. 28
IIR	oil and gas extraction	EOR	CA	Orange	T6S R10W Sec. 21
IIR	oil and gas extraction	EOR	CA	Orange	T6S R10W Sec. 19

33.9095761445	-117.657835136	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3400
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5500
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6500
33.6173057743	-117.929289055	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1225
33.6173057743	-117.929289055	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1500
33.61117117	-117.91416318	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	500
33.6297152404	-117.955670102	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5300

feet	Puente	50	Sandstone
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feet	Puente	150	Sandstone
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feet	Puente	100	Sandstone
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feet	Puente	300	Sandstone
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feet	Puente	300	Sandstone
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feet	Puente	15	Sandstone
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feet	Puente	250	Sandstone
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9 810 9_810 Standard Oil Co of Calif/Potrero Oil Field

9 811 9_811 Mobil Oil Corp/Potrero Oil Field

9 812 9_812 Mobil Oil Corp/Potrero Oil Field

9 813 9_813 Union Oil Co of Calif/Richfield Oil Field

9 814 9_814 Union Oil Co of Calif/Richfield Oil Field

9 815 9_815 Union Oil Co of Calif/Richfield Oil Field

9 816 9_816 J.W. Dietzel/Rowland Oil Field

Oil and gas

Hardy-Community 3

Oil and gas

Community 12

Oil and gas

Community 12

Oil and gas

Chapman 29

Oil and gas

Chapman 29

Oil and gas

Chapman 29

Oil and gas

Rowland 1

IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R14W Sec. 34
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R14W Sec. 28
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R14W Sec. 28
IIR	oil and gas extraction	EOR	CA	Orange	T3S R9W Sec. 29
IIR	oil and gas extraction	EOR	CA	Orange	T3S R9W Sec. 29
IIR	oil and gas extraction	EOR	CA	Orange	T3S R9W Sec. 29
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R10W Sec. 14

33.9855158966	-118.322001622	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8800
33.9855158966	-118.322001622	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8900
33.9855158966	-118.322001622	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	9475
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2900
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3500
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7950
34.0217352883	-117.926316658	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2382

feet	Puente	800	Sandstone
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feet	Puente	240	Sandstone
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feet	Puente	100	Sandstone
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feet	Puente	500	Sandstone
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feet	Puente	250	Sandstone
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feet	Puente	200	Sandstone
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feet	Puente	35	Sandstone
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

- 9 817 9_817 J.W. Dietzel/Rowland Oil Field

- 9 818 9_818 Seaboard Oil & Gas Co/Salt Lake Oil Field

- 9 819 9_819 Seaboard Oil & Gas Co/Salt Lake Oil Field

- 9 820 9_820 Seaboard Oil & Gas Co/Salt Lake Oil Field

- 9 821 9_821 Seaboard Oil & Gas Co/Salt Lake Oil Field

- 9 822 9_822 Seaboard Oil & Gas Co/Salt Lake Oil Field

- 9 823 9_823 Pacific Lighting Service Co/Sansinena Oil Field

Oil and gas

Rowland 1

Oil and gas

U-93 5

Oil and gas

U-93 5

Oil and gas

U-93 5

Oil and gas

U-93 5

Oil and gas

U-93 5

Oil and gas

Sansinena So Pool 12-G-3

IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R10W Sec. 14
IIR	oil and gas extraction	EOR	CA	Los Angeles	T1S R14W Sec. 21
IIR	oil and gas extraction	EOR	CA	Los Angeles	T1S R14W Sec. 21
IIR	oil and gas extraction	EOR	CA	Los Angeles	T1S R14W Sec. 21
IIR	oil and gas extraction	EOR	CA	Los Angeles	T1S R14W Sec. 21
IIR	oil and gas extraction	EOR	CA	Los Angeles	T1S R14W Sec. 21
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R10W Sec. 31

34.0217352883	-117.926316658	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3350
34.0918778161	-118.33465107	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1500
34.0918778161	-118.33465107	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2300
34.0918778161	-118.33465107	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2650
34.0918778161	-118.33465107	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2850
34.0918778161	-118.33465107	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3300
34.0217352883	-117.926316658	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3100

feet	Puente	50	Sandstone
feet	Puente	250	Sandstone
feet	Puente	275	Sandstone
feet	Puente	200	Sandstone
feet	Puente	100	Sandstone
feet	Puente	100	Sandstone
feet	Puente	400	Sandstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

- 9 824 9_824 Union Oil Co of Calif/Sansinena Oil Field
- 9 825 9_825 Union Oil Co of Calif/Sansinena Oil Field
- 9 826 9_826 Walter P. Temple Oil Co/Sansinena Oil Field
- 9 827 9_827 Walter P. Temple Oil Co/Sansinena Oil Field
- 9 828 9_828 Walter P. Temple Oil Co/Sansinena Oil Field
- 9 829 9_829 Walter P. Temple Oil Co/Sansinena Oil Field
- 9 830 9_830 Walter P. Temple Oil Co/Sansinena Oil Field

Oil and gas

Sansinena 5-A-74

Oil and gas

Sansinena 5-A-74

Oil and gas

Walter P. Temple Oil Co No
2

Oil and gas

Walter P. Temple Oil Co No
2

Oil and gas

Walter P. Temple Oil Co No
2

Oil and gas

Walter P. Temple Oil Co No
2

Oil and gas

Walter P. Temple Oil Co No
2

IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R10W Sec. 30
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R10W Sec. 30
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R10W Sec. 30
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R10W Sec. 30
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R10W Sec. 30
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R10W Sec. 30
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R10W Sec. 30
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33.9727273432	-117.968501406	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4950
33.9727273432	-117.968501406	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5100
33.9727273432	-117.968501406	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2600
33.9727273432	-117.968501406	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2900
33.9727273432	-117.968501406	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3600
33.9727273432	-117.968501406	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3700
33.9727273432	-117.968501406	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3800

feet	Puente	150	Sandstone
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feet	Puente	5400	Sandstone
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feet	Puente	100	Sandstone
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feet	Puente	300	Sandstone
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feet	Puente	120	Sandstone
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feet	Puente	110	Sandstone
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feet	Puente	150	Sandstone
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9 831 9_831 Union Oil Co of Calif/Sansinena Oil Field

9 832 9_832 Union Oil Co of Calif/Sansinena Oil Field

9 833 9_833 Union Oil Co of Calif/Sansinena Oil Field

9 834 9_834 Union Oil Co of Calif/Sansinena Oil Field

9 835 9_835 Pacific Lighting Service Co/Turnbull Oil Field

9 836 9_836 Pacific Lighting Service Co/Turnbull Oil Field

9 837 9_837 Pacific Lighting Service Co/Turnbull Oil Field

Oil and gas

Sansinena 3 B 65

Oil and gas

Sansinena 3 B 65

Oil and gas

Sansinena 3 B 65

Oil and gas

Sansinena 3 B 65

Oil and gas

Turnbull Community 3

Oil and gas

Turnbull Community 3

Oil and gas

Turnbull Community 3

IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R10W Sec. 29
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R10W Sec. 29
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R10W Sec. 29
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R10W Sec. 29
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R11W Sec. 13
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R11W Sec. 13
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R11W Sec. 13
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33.9747973744	-117.95458702	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2100
33.9747973744	-117.95458702	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3600
33.9747973744	-117.95458702	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4500
33.9747973744	-117.95458702	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5200
33.9902050663	-117.991701613	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3370
33.9902050663	-117.991701613	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3550
33.9902050663	-117.991701613	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3750

feet	Puente	100	Sandstone
feet	Puente	475	Sandstone
feet	Puente	120	Sandstone
feet	Puente	110	Sandstone
feet	Puente	80	Sandstone
feet	Puente	120	Sandstone
feet	Puente	70	Sandstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9 838 9_838 Pacific Lighting Service Co/Turnbull Oil Field

9 839 9_839 Pacific Lighting Service Co/Turnbull Oil Field

9 840 9_840 BP Exploration USA Inc/Walnut Oil Field

9 841 9_841 BP Exploration USA Inc/Walnut Oil Field

9 842 9_842 Standard Oil Co of Calif/Whittier Oil Field

9 843 9_843 Standard Oil Co of Calif/Whittier Oil Field

9 844 9_844 Standard Oil Co of Calif/Whittier Oil Field

Oil and gas

Turnbull Community 3

Oil and gas

Turnbull Community 3

Oil and gas

Garnier 1-B

Oil and gas

Garnier 1-B

Oil and gas

Murphy-Whittier 101

Oil and gas

Murphy-Whittier 101

Oil and gas

Murphy-Whittier 101

IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R11W Sec. 13
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R11W Sec. 13
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R10W Sec. 3
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R10W Sec. 3
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R11W Sec. 26
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R11W Sec. 26
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R11W Sec. 26
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33.9902050663	-117.991701613	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3800
33.9902050663	-117.991701613	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3950
34.0217352883	-117.926316658	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1200
34.0217352883	-117.926316658	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1400
33.9681410185	-118.002571436	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1200
33.9681410185	-118.002571436	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2100
33.9681410185	-118.002571436	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2800

feet	Puente	80	Sandstone
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feet	Puente	60	Sandstone
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feet	Puente	130	Sandstone
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feet	Puente	180	Sandstone
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feet	Puente	150	Sandstone
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feet	Puente	300	Sandstone
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feet	Puente	200	Sandstone
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

- 9 871 9_871 Union Oil Co of Calif/Richfield Oil Field

- 9 872 9_872 Seaboard Oil & Gas Co/Salt Lake Oil Field

- 9 873 9_873 Pacific Lighting Service Co/Sansinena Oil Field

- 9 874 9_874 Union Oil Co of Calif/Sansinena Oil Field

- 9 875 9_875 Walter P. Temple Oil Co/Sansinena Oil Field

- 9 876 9_876 Union Oil Co of Calif/Sansinena Oil Field

- 9 877 9_877 Mobil Oil Corp/Santa Fe Springs Oil Field

Oil and gas

Chapman 29

Oil and gas

U-93 5

Oil and gas

Sansinena So Pool 12-G-3

Oil and gas

Sansinena 10 A 3

Oil and gas

Walter P. Temple Oil Co No
2

Oil and gas

Sansinena 3 B 65

Oil and gas

Mobil Oil Corp 428-F

IIR	oil and gas extraction	EOR	CA	Orange	T3S R9W Sec. 29
IIR	oil and gas extraction	EOR	CA	Los Angeles	T1S R14W Sec. 21
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R10W Sec. 31
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R10W Sec. 32
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R10W Sec. 30
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R10W Sec. 29
IIR	oil and gas extraction	EOR	CA	Los Angeles	T3S R11W Sec. 6

		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2000
34.0918778161	-118.33465107	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1000
34.0217352883	-117.926316658	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1800
34.0217352883	-117.926316658	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2700
33.9727273432	-117.968501406	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1760
33.9747973744	-117.95458702	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1300
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3580

feet	Repetto	80	Sandstone
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feet	Repetto	200	Sandstone
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feet	Repetto	300	Sandstone
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feet	Repetto	100	Sandstone
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feet	Repetto	100	Sandstone
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feet	Repetto	100	Sandstone
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feet	Repetto	180	Sandstone
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9 878 9_878 Mobil Oil Corp/Santa Fe Springs Oil Field

9 879 9_879 Mobil Oil Corp/Santa Fe Springs Oil Field

9 880 9_880 Shell Oil Co/Seal Beach Oil Field

9 881 9_881 Standard Oil Co of Calif/Whittier Oil Field

9 882 9_882 Standard Oil Co of Calif/Whittier Oil Field

9 883 9_883 Standard Oil Co of Calif/Whittier Oil Field

9 884 9_884 Standard Oil Co of Calif/Whittier Oil Field

Oil and gas

Mobil Oil Corp 428-F

Oil and gas

Mobil Oil Corp 428-F

Oil and gas

Bryant Four 1

Oil and gas

Murphy-Whittier 101

Oil and gas

Murphy-Whittier 101

Oil and gas

Murphy-Whittier 101

Oil and gas

Murphy-Whittier 101

IIR	oil and gas extraction	EOR	CA	Los Angeles	T3S R11W Sec. 6
IIR	oil and gas extraction	EOR	CA	Los Angeles	T3S R11W Sec. 6
IIR	oil and gas extraction	EOR	CA	Orange and Los Angeles	T5S R12W Sec. 11
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R11W Sec. 26
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R11W Sec. 26
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R11W Sec. 26
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R11W Sec. 26

		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3900
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4600
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3900
33.9681410185	-118.002571436	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	900
33.9681410185	-118.002571436	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1300
33.9681410185	-118.002571436	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1600
33.9681410185	-118.002571436	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2100

feet	Repetto	300	Sandstone
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feet	Repetto	700	Sandstone
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feet	Repetto	120	Sandstone
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feet	Repetto	75	Sandstone
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feet	Repetto	100	Sandstone
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feet	Repetto	200	Sandstone
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feet	Repetto	20	Sandstone
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7711.92685

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5141.28457

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5741.1011

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3/14/1983

3770.27535

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3/14/1983

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9 885 9_885 Pacific Lightning Gas Supply Co/Whittier Oil Field

9 886 9_886 Pacific Lightning Gas Supply Co/Whittier Oil Field

9 845 9_845 Pacific Lightning Gas Supply Co/Whittier Oil Field

9 846 9_846 Pacific Lightning Gas Supply Co/Whittier Oil Field

9 847 9_847 Forster Oil Co/Whittier Oil Field

9 848 9_848 Forster Oil Co/Whittier Oil Field

9 849 9_849 Harold C. Ramser/Yorba Linda Oil Field

Oil and gas

La Habra Fee 2

Oil and gas

La Habra Fee 2

Oil and gas

La Habra Fee 2

Oil and gas

La Habra Fee 2

Oil and gas

Aeco-Pellissier 1

Oil and gas

Aeco-Pellissier 1

Oil and gas

Y.J.O.G. 1

IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R11W Sec. 25
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R11W Sec. 25
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R11W Sec. 25
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R11W Sec. 25
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R11W Sec. 17
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R11W Sec. 17
IIR	oil and gas extraction	EOR	CA	Orange	T3S R9W Sec. 21

33.9679721635	-117.985174296	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	900
33.9679721635	-117.985174296	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1150
33.9679721635	-117.985174296	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1400
33.9679721635	-117.985174296	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3600
33.9794204749	-118.013033641	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2300
33.9794204749	-118.013033641	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	800
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2900

feet	Repetto	200	Sandstone
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feet	Repetto	150	Sandstone
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feet	Puente	175	Sandstone
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feet	Puente	900	Sandstone
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feet	Puente	100	Sandstone
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feet	Puente	100	Sandstone
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feet	Puente	70	Sandstone
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5141.28457

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3770.27535

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9	850 9_850	Exxon Corp/Belmont Offshore Oil Field
9	851 9_851	Exxon Corp/Belmont Offshore Oil Field
9	852 9_852	Burmah Oil & Gas Co/Huntington Beach Oil Field
9	853 9_853	Mobil Oil Corp/Venice Beach Oil Field
9	854 9_854	Mobil Oil Corp/Venice Beach Oil Field
9	855 9_855	Shell Oil Co/Brea-Olinda Oil Field
9	856 9_856	Mobil Oil Corp/La Mirada Oil Field

Oil and gas

State PRC 186 210

Oil and gas

State PRC 186 210

Oil and gas

State PRC 426 143

Oil and gas

L.A. City 135 9

Oil and gas

Venice Beach Unit 3

Oil and gas

Mencheho 36

Oil and gas

Librown 1

IIR	oil and gas extraction	EOR	CA	Orange	T5S R12W Sec. 11
IIR	oil and gas extraction	EOR	CA	Orange	T5S R12W Sec. 11
IIR	oil and gas extraction	EOR	CA	Orange	T5S R11W Sec. 33
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R15W Sec. 20
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R15W Sec. 20
IIR	oil and gas extraction	EOR	CA	Los Angeles and Orange	T3S R10W Sec. 1
IIR	oil and gas extraction	EOR	CA	Los Angeles	T3S R11W Sec. 21

	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4000
	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5500
	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2200
	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5450
	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6000
33.9423137773 -117.885682831	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1200
	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	11900

feet	Puente	25	Sandstone
feet	Puente	250	Sandstone
feet	Puente	125	Sandstone
feet	Puente	80	Sandstone
feet	Puente	100	Sandstone
feet	Puente-Topanga	300	Sandstone/siltstone/shale
feet	Puente-Topanga	500	Sandstone/siltstone/shale

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9 857 9_857 General Exploration Co/Bandini Oil Field

9 858 9_858 Standard Oil Co of Calif/Beverly Hills Oil Field

9 859 9_859 Shell Oil Co/Brea-Olinda Oil Field

9 860 9_860 Mobil Oil Corp/Buena Park, West, Oil Field

9 861 9_861 Atlantic Richfield Co/Coyote, East, Oil Field

9 862 9_862 Standard Oil Co of Calif/Coyote, West, Oil Field

9 863 9_863 Shell Oil Corp/Lapworth Oil Field

Oil and gas

C.W.O.D 25

Oil and gas

Standard Oil Co of Calif S-54

Oil and gas

Mencheho 36

Oil and gas

Heath 1

Oil and gas

Edwards 1

Oil and gas

Emery 92

Oil and gas

Pellissier 1

IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R12W Sec. 17
IIR	oil and gas extraction	EOR	CA	Los Angeles	T1S R14W Sec. 20
IIR	oil and gas extraction	EOR	CA	Los Angeles and Orange	T3S R10W Sec. 1
IIR	oil and gas extraction	EOR	CA	Orange	T3S R11W Sec. 34
IIR	oil and gas extraction	EOR	CA	Orange	T3S R10W Sec. 15
IIR	oil and gas extraction	EOR	CA	Orange and Los Angeles	T3S R11W Sec. 13
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R11W Sec. 4

		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6200
34.0918778161	-118.33465107	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4800
33.9423137773	-117.885682831	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1800
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	11000
33.9446706508	-117.897352242	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2500
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2900
33.9794204749	-118.013033641	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3100

feet	Repetto	100	Sandstone
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feet	Repetto	350	Sandstone
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feet	Repetto	350	Sandstone
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feet	Repetto	200	Sandstone
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feet	Repetto	50	Sandstone
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feet	Repetto	125	Sandstone
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feet	Repetto	20	Sandstone
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9	864 9_864	Pyramid Oil Co/Leffingwell Oil Field
9	865 9_865	Pyramid Oil Co/Leffingwell Oil Field
9	866 9_866	Pacific Lighting Service Co/Montebello Oil Field
9	867 9_867	Exxon Corp/West Newport Oil Field
9	868 9_868	Texaco Inc/Olive Oil Field
9	869 9_869	Calstar Petroleum Co/Playa Del Rey Oil Field
9	870 9_870	Mobil Oil Corp/Potrero Oil Field

Oil and gas

K 1

Oil and gas

K 1

Oil and gas

Howard & Smith 3

Oil and gas

Thorpe 1

Oil and gas

Ruff 1

Oil and gas

V 2

Oil and gas

Community 12

IIR	oil and gas extraction	EOR	CA	Los Angeles	T3S R11W Sec. 11
IIR	oil and gas extraction	EOR	CA	Los Angeles	T3S R11W Sec. 11
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R12W Sec. 2
IIR	oil and gas extraction	EOR	CA	Orange	T6S R10W Sec. 19
IIR	oil and gas extraction	EOR	CA	Orange	T4S R10W Sec. 1
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R15W Sec. 21
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2S R14W Sec. 28

		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6875
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7600
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5300
33.6297152404	-117.955670102	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1400
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4900
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4000
33.9855158966	-118.322001622	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8170

feet	Repetto	30	Sandstone
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feet	Repetto	30	Sandstone
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feet	Repetto	30	Sandstone
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feet	Repetto	100	Sandstone
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feet	Repetto	200	Sandstone
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feet	Repetto	100	Sandstone
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feet	Repetto	90	Sandstone
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9 887 9_887 Harold C. Ramser/Yorba Linda Oil Field

9 888 9_888 Harold C. Ramser/Yorba Linda Oil Field

9 889 9_889 Pauley Petroleum Inc/Lawndale Oil Field

9 890 9_890 Westates Petroleum Co/Sespe Oil Field

9 891 9_891 Verde Enterprises, Operator for Huasna Co/Huasna Oil
Field

9 892 9_892 E.L. Henthorn/Ojai Oil Field

9 893 9_893 McFarland Energy Inc/Timber Canyon Oil Field

Oil and gas

Y.J.O.G. 1

Oil and gas

Y.J.O.G. 1

Oil and gas

S.F.L.I. 83-20

Oil and gas

Orcutt 83C-33

Oil and gas

Union-Dickes 1

Oil and gas

E.L. Henthorn No. 20

Oil and gas

Loel-Maxwell 1

IIR	oil and gas extraction	EOR	CA	Orange	T3S R9W Sec. 21
IIR	oil and gas extraction	EOR	CA	Orange	T3S R9W Sec. 21
IIR	oil and gas extraction	EOR	CA	Los Angeles	T3S R14W Sec. 20
IIR	oil and gas extraction	EOR	CA	Ventura	T5N R19W Sec. 33
IIR	oil and gas extraction	EOR	CA	San Luis Obispo	T12N R33S Sec. 30
IIR	oil and gas extraction	EOR	CA	Ventura	T3N R23W Sec. 4
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R20W Sec. 18

		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1800
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2000
33.9154126131	-118.318987362	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6000
34.4752168163	-118.875640602	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	900
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	750-1560
34.3324020062	-119.251776891	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	430
34.4295137394	-119.016178002	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8000

feet	Repetto	150	Sandstone
feet	Repetto	125	Sandstone
feet	Repetto-Puente	200	Sandstone/siltstone/conglomerate/shale
feet	Rincon-Vaqueros	200	Sandstone/siltstone/shale
feet	Santa Margarita	500-1300	Sandstone
feet	Santa Margarita	350	Sandstone
feet	Santa Margarita	500	Sandstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9 894 9_894 Mercury Oil Co/Eureka Canyon Oil Field

9 895 9_895 Getty Oil Co/Simi Oil Field

9 896 9_896 McCulloch Oil Corp/Cascade Oil Field

9 897 9_897 Atlantic Richfield Co/Castaic Hills Oil Field

9 898 9_898 Dutch Oil Co/Charlie Canyon

9 899 9_899 R.A. Provost Assoc/Placerita Oil Field

9 900 9_900 Texaco Inc/Tapia Oil Field

Oil and gas

Texaco Sloan 1

Oil and gas

Pacific Western Marr 1

Oil and gas

Mission-O'Melveny 12

Oil and gas

CHU 75-35

Oil and gas

Howell 1

Oil and gas

Protrana 2

Oil and gas

Yule 1

IIR	oil and gas extraction	EOR	CA	Ventura	T4N R18W Sec. 32
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IIR	oil and gas extraction	EOR	CA	Ventura	T3N R18W Sec. 36
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T3N R16W Sec. 35
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T5N R17W Sec. 35
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T5N R16W Sec. 30
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T4N R16W Sec. 25
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T5N R16W Sec. 30
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34.3867463161	-118.793747035	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	250-1500
34.3741132356	-118.805833207	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2100
34.3943497879	-118.607647464	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2550
34.4744805257	-118.633155675	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4000
34.4891062254	-118.599617549	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	600
34.3991163579	-118.502254611	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	600
34.4891062254	-118.599617549	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1050

feet	Santa Margarita, Modelo, and older marine strata	120	Sandstone/siltstone/sh ale
feet	Santa Susana	400	Sandstone/siltstone/m udstone
feet	Saugus	350	Siltstone and Sandstone
feet	Saugus	40	Siltstone and Sandstone
feet	Saugus	20	Siltstone and Sandstone
feet	Saugus	60	Siltstone and Sandstone
feet	Saugus	100	Siltstone and Sandstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9	901 9_901	Union Oil Co of Calif/Bardsdale Oil Field
9	902 9_902	Argo Petroleum Corp/Ojai Oil Field
9	903 9_903	Ojai Oil Co/Ojai Oil Field
9	904 9_904	Lobodo, Inc/Shiells Canyon Oil Field
9	905 9_905	Miley Petroleum Corp, Ltd/Goleta Oil Field
9	906 9_906	Miley Petroleum Corp, Ltd/Goleta Oil Field
9	907 9_907	Miley Petroleum Corp, Ltd/Goleta Oil Field

Oil and gas

Irwin-Berylwood 5

Oil and gas

Hillside 3

Oil and gas

B. & L. 3

Oil and gas

Elkins 20

Oil and gas

Goleta 1

Oil and gas

Goleta 1

Oil and gas

Goleta 1

IIR	oil and gas extraction	EOR	CA	Ventura	T3N R20W Sec. 1
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R21W Sec. 8
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R22W Sec. 12
IIR	oil and gas extraction	EOR	CA	Ventura	T3N R19W Sec. 5
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T4N R29W Sec. 3
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T4N R29W Sec. 3
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T4N R29W Sec. 3

34.3673073757	-118.927490444	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5500
34.4443022414	-119.103774435	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	420
34.4419008882	-119.135639921	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	750
34.3715519194	-118.893948853	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3400
34.4449264958	-119.899474305	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	400
34.4449264958	-119.899474305	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1200
34.4449264958	-119.899474305	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1400

feet	Saugus	600	Siltstone and Sandstone
feet	Saugus-Monterey	295	Siltstone and Sandstone
feet	Saugus-Monterey	350	Siltstone and Sandstone
feet	Saugus-Pico	160	Siltstone and Sandstone
feet	Sespe	15	Sandstones and conglomerates
feet	Sespe	70	Sandstones and conglomerates
feet	Sespe	40	Sandstones and conglomerates

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9 908 9_908 Harry S. Rothschild/Las Varas Canyon Oil Field

9 909 9_909 Harry S. Rothschild/Las Varas Canyon Oil Field

9 910 9_910 Harry S. Rothschild/Las Varas Canyon Oil Field

9 911 9_911 Harry S. Rothschild/Las Varas Canyon Oil Field

9 912 9_912 E.H. Williams/Moorpark Oil Field

9 913 9_913 Union Oil Co of Calif/Oak Park Oil Field

9 914 9_914 Shell Oil Co/Refugio Cove Gas Field

Oil and gas

Edwards 1

Oil and gas

Edwards 1

Oil and gas

Edwards 1

Oil and gas

Edwards 1

Oil and gas

Williams 1-A

Oil and gas

Simi 14

Oil and gas

Rutherford 1

IIR	oil and gas extraction	EOR	CA	Santa Barbara	T5N R30W Sec. 36
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T5N R30W Sec. 36
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T5N R30W Sec. 36
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T5N R30W Sec. 36
IIR	oil and gas extraction	EOR	CA	Ventura	T3N R19W Sec. 33
IIR	oil and gas extraction	EOR	CA	Ventura	T3N R19W Sec. 36
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T4N R30W Sec. 6

34.4936710612	-120.078576386	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1800
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34.4936710612	-120.078576386	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2180
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34.4936710612	-120.078576386	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2180
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34.4936710612	-120.078576386	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2450
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34.2894871122	-118.774985301	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4250
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34.2894871122	-118.774985301	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	800-1500
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		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2900
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feet	Sespe	100	Sandstones and conglomerates
feet	Sespe	50	Sandstones and conglomerates
feet	Sespe	50	Sandstones and conglomerates
feet	Sespe	50	Sandstones and conglomerates
feet	Sespe	80	Sandstones and conglomerates
feet	Sespe	400	Sandstones and conglomerates
feet	Sespe	30	Sandstones and conglomerates

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9 915 9_915 Union Oil Co of Calif/Santa Susana Oil Field

9 916 9_916 H.A. Ivers/Sespe Oil Field

9 917 9_917 H.A. Ivers/Sespe Oil Field

9 918 9_918 Westates Petroleum Co/Sespe Oil Field

9 919 9_919 Westates Petroleum Co/Sespe Oil Field

9 920 9_920 Westates Petroleum Co/Sespe Oil Field

9 921 9_921 Union Oil Co of Calif/Simi Oil Field

Oil and gas

Broadoaks 119

Oil and gas

Ivers-Van Trees 1

Oil and gas

Ivers-Van Trees 1

Oil and gas

Orcutt 83C-33

Oil and gas

Orcutt 83C-33

Oil and gas

Orcutt 83C-33

Oil and gas

Alamos 3-31

IIR	oil and gas extraction	EOR	CA	Ventura	T3N R17W Sec. 7
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R20W Sec. 1
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R20W Sec. 1
IIR	oil and gas extraction	EOR	CA	Ventura	T5N R19W Sec. 33
IIR	oil and gas extraction	EOR	CA	Ventura	T5N R19W Sec. 33
IIR	oil and gas extraction	EOR	CA	Ventura	T5N R19W Sec. 33
IIR	oil and gas extraction	EOR	CA	Ventura	T3N R18W Sec. 31

34.3357976506	-118.621118352	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5500
34.4599366226	-118.928493863	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	610
34.4599366226	-118.928493863	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2360
34.4752168163	-118.875640602	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1750
34.4752168163	-118.875640602	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2550
34.4752168163	-118.875640602	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5400
34.3741132356	-118.805833207	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2450

feet	Sespe	150	Sandstones and conglomerates
feet	Sespe	210	Sandstones and conglomerates
feet	Sespe	370	Sandstones and conglomerates
feet	Sespe	600	Sandstones and conglomerates
feet	Sespe	300	Sandstones and conglomerates
feet	Sespe	1000	Sandstones and conglomerates
feet	Sespe	140	Sandstones and conglomerates

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6169.54148

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9 922 9_922 Standard Oil Co of Calif/Summerland Oil Field

9 923 9_923 Mobil Oil Corp/Capitan Oil Field

9 924 9_924 Mobil Oil Corp/Capitan Oil Field

9 925 9_925 Getty Oil Co/Cat Canyon Oil Field

9 926 9_926 Husky Oil Co of Delaware/Cat Canyon Oil Field

9 927 9_927 Sun Oil Co/Cat Canyon Oil Field

9 928 9_928 Shell Oil Co/Cat Canyon Oil Field

Oil and gas

Ortega Community 1

Oil and gas

State 2991 2B

Oil and gas

State 2991 2B

Oil and gas

Los Alamos 32

Oil and gas

Victory 20

Oil and gas

Tognazzini 1

Oil and gas

Lloyd et al 7

IIR	oil and gas extraction	EOR	CA	Santa Barbara	T4N R26W Sec. 16
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T4N R30W Sec. 4
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T4N R30W Sec. 4
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T8N R32W Sec. 6
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T9N R32W Sec. 30
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T8N R32W Sec. 9
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T9N R33W Sec. 15

34.4319768073	-119.633743152	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3200
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2260
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2600
34.8061270147	-120.278562969	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2800
34.8284846544	-120.286274809	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3000
34.8026356633	-120.262886466	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2210
34.8576827644	-120.339075187	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2750

feet	Sespe	1000	Sandstones and conglomerates
feet	Sespe	125	Sandstones and conglomerates
feet	Sespe	75	Sandstones and conglomerates
feet	Sisquoc	45	Claystone, mudstone, siltstone, shale, diatomite, and conglomerates
feet	Sisquoc	250	Claystone, mudstone, siltstone, shale, diatomite, and conglomerates
feet	Sisquoc	200	Claystone, mudstone, siltstone, shale, diatomite, and conglomerates
feet	Sisquoc	500	Claystone, mudstone, siltstone, shale, diatomite, and conglomerates

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856.880761

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

- 9 929 9_929 Shell Oil Co/Santa Maria Valley Oil Field
- 9 930 9_930 Union Oil Co of Calif/Santa Maria Valley Oil Field
- 9 931 9_931 A.F. & C.A. Fugler, Inc/Santa Maria Valley Oil Field
- 9 932 9_932 Atlantic Richfield Co/Elwood, South, Offshore Oil Field
- 9 933 9_933 W.J. McCarthy-Wally Dennis/Canoga Park Oil Field
- 9 934 9_934 Union Oil Co of Calif/Oakridge Oil Field
- 9 935 9_935 Occidental Petroleum Corp/Newhall Oil Field

Oil and gas	Shell-Standard- Blanckenburg 1
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Oil and gas	Gilliland 38-8
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Oil and gas	Fugler 4-10
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Oil and gas	AMES 3120 7
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Oil and gas	Knapp 2
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Oil and gas	Oakridge 1-3
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Oil and gas	Price 4
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IIR	oil and gas extraction	EOR	CA	Santa Barbara	T9N R34W Sec. 1
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T9N R33W Sec. 8
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T9N R33W Sec. 10
IIR	oil and gas extraction	EOR	CA		
IIR	oil and gas extraction	EOR	CA	Los Angeles	T1N R17W Sec. 4
IIR	oil and gas extraction	EOR	CA	Ventura	T3N R18W Sec. 3
IIR	oil and gas extraction	EOR	CA	Los Angeles	T3N R15W Sec. 6

34.8871065939	-120.409939246	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5560
34.8724315523	-120.374229366	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5035
34.872152356	-120.338810937	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4480
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1350
34.1986757798	-118.66328198	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	750
34.3741132356	-118.805833207	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2600
34.3732591076	-118.493003425	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1075

feet	Sisquoc	170	Claystone, mudstone, siltstone, shale, diatomite, and conglomerates
feet	Sisquoc	575	Claystone, mudstone, siltstone, shale, diatomite, and conglomerates
feet	Sisquoc	105	Claystone, mudstone, siltstone, shale, diatomite, and conglomerates
feet	Sisquoc	10	Claystone, mudstone, siltstone, shale, diatomite, and conglomerates
feet	Topanga	65	Sandstone
feet	Topanga-Vaqueros	375	Sandstone
feet	Towsley	150	Sandstone and Mudstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

- 9 936 9_936 Morton and Dolley/Newhall Oil Field
- 9 937 9_937 Atlantic Richfield Co/Cuyama, South, Oil Field
- 9 938 9_938 Fire-Rice Drilling Co/Glen Annie Gas Field
- 9 939 9_939 Pacific Lighting Service Co/La Goleta Gas Field
- 9 940 9_940 Palisades Petroleum Corp/Mesa Oil Field
- 9 941 9_941 A.D. Rushing Inc/Oakview Oil Field
- 9 942 9_942 L.M. Lockhart/Ojai Oil field

Oil and gas

Needham 5

Oil and gas

Cox 35-5

Oil and gas

Harbel 1

Oil and gas

More 3

Oil and gas

Palisades Petroleum Corp
No 1

Oil and gas

Newman 2

Oil and gas

Macrate 2

IIR	oil and gas extraction	EOR	CA	Los Angeles	T3N R16W Sec. 12
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T9N R26W Sec. 5
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T4N R29W Sec. 13
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T4N R28W Sec. 21
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T9N R27W Sec. 29
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R23W Sec. 32
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R23W Sec. 27

34.3584185806	-118.502756913	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	600-2000
34.8912207373	-119.684044818	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5840
34.4449264958	-119.899474305	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3350
34.419352131	-119.824595274	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3950
34.8331737909	-119.790135235	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2150
34.3815320012	-119.224558581	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1545
34.3815320012	-119.224558581	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3900

feet	Towsley-Modelo	70-300	Sandstone and Mudstone
feet	Vaqueros	50	Sandstone
feet	Vaqueros	80	Sandstone
feet	Vaqueros	350	Sandstone
feet	Vaqueros	60	Sandstone
feet	Vaqueros	60	Sandstone
feet	Vaqueros	85	Sandstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9 943 9_943 Atlantic Richfield Co/Russell Ranch Oil Field

9 944 9_944 Atlantic Richfield Co/Russell Ranch Oil Field

9 945 9_945 Atlantic Richfield Co/Russell Ranch Oil Field

9 946 9_946 Standard Oil Co of Calif/Summerland Oil Field

9 947 9_947 Gulf Oil Corp/Taylor Canyon Oil Field

9 948 9_948 Mobil Oil Corp/Capitan Oil Field

9 949 9_949 Getty Oil Co/Summerland Oil Field

Oil and gas

Sloan C 82-26

Oil and gas

Sloan C 82-26

Oil and gas

Russell A 23-9

Oil and gas

Ortega Community 1

Oil and gas

Humble 54-31

Oil and gas

State 2991 2B

Oil and gas

Seaside-State 1

IIR	oil and gas extraction	EOR	CA	San Luis Obispo and Santa Barbara	T11N R28W Sec. 26
IIR	oil and gas extraction	EOR	CA	San Luis Obispo and Santa Barbara	T11N R28W Sec. 26
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T10N R27W Sec. 9
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T4N R26W Sec. 16
IIR	oil and gas extraction	EOR	CA	San Luis Obispo	T32S R20E Sec. 31
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T4N R30W Sec. 4
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T4N R26W Sec. 22

35.0169839663	-119.829591752	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2800
35.0169839663	-119.829591752	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3500
34.9517939167	-119.722113797	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3600
34.4319768073	-119.633743152	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1400
35.0956320733	-119.871688516	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5620
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1250
34.4319768073	-119.633743152	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1400

feet	Vaqueros	350	Sandstone
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feet	Vaqueros	100	Sandstone
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feet	Vaqueros	70	Sandstone
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feet	Vaqueros	300	Sandstone
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feet	Vaqueros	200	Sandstone
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feet	Vaqueros	100	Sandstone
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feet	Vaqueros	300	Sandstone
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

- 9 950 9_950 Atlantic Richfield Co./South Cuyama Oil Field

- 9 951 9_951 Exxon Corp/Cristianitos Creek Oil Field

- 9 952 9_952 Texaco Inc/San Clemente Oil Field

- 9 953 9_953 Atlantic Richfield Co/Conejo Oil Field

- 9 954 9_954 Standard Oil Co of Calif/Summerland Oil Field

- 9 955 9_955 Getty Oil Co/Summerland Oil Field

- 9 956 9_956 Ember Oil & Gas Co/Elizabeth Canyon Oil Field

Oil and gas

Cox 44-5

Oil and gas

Roy Visbeek et al 1

Oil and gas

O'Neill Estate (NCT-1) 1

Oil and gas

Camarillo 1

Oil and gas

Ortega Community 1

Oil and gas

Seaside-State 1

Oil and gas

Scattle-Toledo-Lyons 1

IIR	oil and gas extraction	EOR	CA	Santa Barbara	T9N R26W Sec. 5
IIR	oil and gas extraction	EOR	CA	Orange	T8S R7W Sec. 35
IIR	oil and gas extraction	EOR	CA	Orange	T8S R7W Sec. 22
IIR	oil and gas extraction	EOR	CA	Ventura	T2N R20W Sec. 32
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T4N R26W Sec. 16
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T4N R26W Sec. 22
IIR	oil and gas extraction	EOR	CA	Los Angeles	T5N R16W Sec. 7

34.8912207373	-119.684044818	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4300
33.4338056122	-117.587487776	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5860
33.4589217248	-117.603473197	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5350
34.2523087347	-118.83351906	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	150
34.4319768073	-119.633743152	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	140
34.4319768073	-119.633743152	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	220
34.5328365678	-118.598924643	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3200

feet	Vaqueros	120	Sandstone
feet	Williams	30	Sandstone/conglomera te
feet	Williams	100	Sandstone/conglomera te
feet		90	Alluvium
feet	Casitas	100	Sandstone/siltstone/m udstone/conglomerate
feet	Casitas	100	Sandstone/siltstone/m udstone/conglomerate
feet	Castaic	50	Sandstone/mudstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9 957 9_957 Porter Sesnon et al/Horse Meadows Oil Field

9 958 9_958 Standard Oil Co of Calif/Mission Oil Field

9 959 9_959 Merchants Petroleum Co/Sespe Oil Field

9 960 9_960 Big Sespe M.R.G. Oil Co/Sespe Oil Field

9 961 9_961 Westates Petroleum Co/Sespe Oil Field

9 962 9_962 Signal Oil & Gas Co/Santa Maria Valley Oil Field

9 963 9_963 B.E. Conway/Santa Maria Valley Oil Field

Oil and gas

Horse Meadows 2-47

Oil and gas

Mission 5 1

Oil and gas

Nellie Bell 10

Oil and gas

Nathan 1

Oil and gas

Orcutt 83C-33

Oil and gas

Souza 1

Oil and gas

Union Sugar 2-17

IIR	oil and gas extraction	EOR	CA	Los Angeles	T2N R16W Sec. 4
IIR	oil and gas extraction	EOR	CA	Los Angeles	T2N R16W Sec. 2
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R19W Sec. 6
IIR	oil and gas extraction	EOR	CA	Ventura	T5N R20W Sec. 23
IIR	oil and gas extraction	EOR	CA	Ventura	T5N R19W Sec. 33
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T10N R34W Sec. 7
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T10N R35W Sec. 17

34.2195319338	-118.49481538	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4150
34.2195319338	-118.49481538	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7200
34.4598676979	-118.910976558	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3390
34.5046294944	-118.945448122	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	825
34.4752168163	-118.875640602	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4650
34.9535923618	-120.451419461	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2250
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3490

feet	Chico	500	Sandstone/mudstone/c onglomerate
feet	Chico	200	Sandstone/mudstone/c onglomerate
feet	Coldwater	315	Sandstone
feet	Coldwater	220	Sandstone
feet	Coldwater	300	Sandstone
feet	Foxen	340	Sandstone/mudstone
feet	Foxen	160	Sandstone/mudstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9 964 9_964 Gilliland Oil & Land Co/Santa Maria Valley Oil Field

9 965 9_965 Harold C. Ramser/Yorba Linda Oil Field

9 966 9_966 Occidental Petroleum Corp/Newhall Oil Field

9 967 9_967 Lobodo, Inc/Shiells Canyon Oil Field

9 968 9_968 Atlantic Richfield Co/Casmalia Oil Field

9 969 9_969 Edward Lustgarten/Bouquet Canyon Oil Field

9 970 9_970 Standard Oil Co of Calif/Beverly Hills Oil Field

Oil and gas

Bradley 5-2

Oil and gas

Y.J.O.G. 1

Oil and gas

Price 4

Oil and gas

Elkins 20

Oil and gas

Soladino Fee 52

Oil and gas

Lucky Lusty 4

Oil and gas

Standard Oil Co of Calif S-54

IIR	oil and gas extraction	EOR	CA	Santa Barbara	T9N R33W Sec. 5
IIR	oil and gas extraction	EOR	CA	Orange	T3S R9W Sec. 21
IIR	oil and gas extraction	EOR	CA	Los Angeles	T3N R15W Sec. 6
IIR	oil and gas extraction	EOR	CA	Ventura	T3N R19W Sec. 5
IIR	oil and gas extraction	EOR	CA	Santa Barbara	T9N R34W Sec. 18
IIR	oil and gas extraction	EOR	CA	Los Angeles	T4N R16W Sec. 14
IIR	oil and gas extraction	EOR	CA	Los Angeles	T1S R14W Sec. 20

34.8869619817	-120.374327491	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2000
		Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	350
34.3732591076	-118.493003425	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2000
34.3715519194	-118.893948853	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6600
34.8251779672	-120.419899778	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3953
34.4112443045	-118.614896992	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2340
34.0918778161	-118.33465107	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	9000

feet	Foxen-Sisquoc	200	Sandstone/siltstone/mudstone/conglomerate
feet	La Habra	250	Sandstone/siltstone/mudstone
feet	Llajas	150	Sandstone/siltstone/conglomerate
feet	Llajas	450	Sandstone/siltstone/conglomerate
feet	Lospe	345	Sandstone/mudstone/conglomerate/tuff
feet	Mint Canyon	70	Sandstone/mudstone/conglomerate/tuff
feet	Modelo	200	Sandstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

- 9 971 9_971 Lacal Oil Corp/Canton Creek Oil Field

- 9 972 9_972 Standard Oil Co of Calif/Del Valle Oil Field

- 9 973 9_973 Petrominerals Corp/Hasley Canyon Oil Field

- 9 974 9_974 Pacific Coast Oil Co/Newhall Oil Field

- 9 975 9_975 Standard Oil Co of Calif/Newhall Oil Field

- 9 976 9_976 Standard Oil Co of Calif/Newhall Oil Field

- 9 977 9_977 Standard Oil Co of Calif/Newhall Oil Field

Oil and gas

Engman 14-2

Oil and gas

Boobier 1

Oil and gas

Mabel E. Strawn 1

Oil and gas

Pacific Coast Oil Co No 3

Oil and gas

C.S.O. 32

Oil and gas

C.S.O. 32

Oil and gas

C.S.O. 32

IIR	oil and gas extraction	EOR	CA	Los Angeles	T5N R18W Sec. 14
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T4N R17W Sec. 15
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T4N R17W Sec. 3
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T3N R16W Sec. 7
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T3N R17W Sec. 2
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T3N R17W Sec. 2
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T3N R17W Sec. 2
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34.5187950185	-118.737886889	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	900
34.4097751959	-118.619572522	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7100
34.4601796876	-118.650266202	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4800
34.3589945035	-118.597602207	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	90-2000
34.3711710846	-118.63029311	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	145
34.3711710846	-118.63029311	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1250
34.3711710846	-118.63029311	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3000

feet	Modelo	300	Sandstone
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feet	Modelo	200	Sandstone
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feet	Modelo	200	Sandstone
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feet	Modelo	30	Sandstone
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feet	Modelo	50	Sandstone
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feet	Modelo	400	Sandstone
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feet	Modelo	175	Sandstone
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9 978 9_978 Ricano Oil Co/Newhall Oil Field

9 979 9_979 Ricano Oil Co/Newhall Oil Field

9 980 9_980 Continental Oil Co/Newhall Oil Field

9 981 9_981 Sun Oil Co/Newhall Oil Field

9 982 9_982 Standard Oil Co of Calif/Newhall Oil Field

9 983 9_983 Standard Oil Co of Calif/Newhall Oil Field

9 984 9_984 Sun Oil Co/Newhall-Potrero Oil Field

Oil and gas

Ricano Oil Co No 1

Oil and gas

Ricano Oil Co No 1

Oil and gas

Braille 3

Oil and gas

Limbocker 1

Oil and gas

Wiley 25

Oil and gas

Wiley 25

Oil and gas

Rancho San Francisco 154-7

IIR	oil and gas extraction	EOR	CA	Los Angeles	T3N R16W Sec. 22
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T3N R16W Sec. 22
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T3N R16W Sec. 1
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T3N R16W Sec. 17
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T3N R16W Sec. 16
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T3N R16W Sec. 16
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IIR	oil and gas extraction	EOR	CA	Los Angeles	T4N R17W Sec. 27
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34.331117758	-118.546167093	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	700
34.331117758	-118.546167093	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1275
34.3730730068	-118.502615453	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2735
34.3448496305	-118.580658038	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	90-220
34.3454321972	-118.563883926	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1000
34.3454321972	-118.563883926	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1275
34.4152269313	-118.627438768	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6500

feet	Modelo	150	Sandstone
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feet	Modelo	200	Sandstone
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feet	Modelo	82	Sandstone
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feet	Modelo	30-200	Sandstone
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feet	Modelo	150	Sandstone
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feet	Modelo	250	Sandstone
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feet	Modelo	300	Sandstone
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9 985 9_985 Sun Oil Co/Newhall-Potrero Oil Field

9 986 9_986 Sun Oil Co/Newhall-Potrero Oil Field

9 987 9_987 Sun Oil Co/Newhall-Potrero Oil Field

9 988 9_988 Sun Oil Co/Newhall-Potrero Oil Field

9 989 9_989 Sun Oil Co/Newhall-Potrero Oil Field

9 990 9_990 Sun Oil Co/Newhall-Potrero Oil Field

9 991 9_991 The Superior Oil Co/Ramona Oil Field

Oil and gas

Rancho San Francisco 154-7

Oil and gas

Rancho San Francisco 154-7

Oil and gas

Rancho San Francisco 154-7

Oil and gas

Rancho San Francisco 154-7

Oil and gas

Rancho San Francisco 154-7

Oil and gas

Rancho San Francisco 154-7

Oil and gas

Black 15

IIR	oil and gas extraction	EOR	CA	Los Angeles	T4N R17W Sec. 27
IIR	oil and gas extraction	EOR	CA	Los Angeles	T4N R17W Sec. 27
IIR	oil and gas extraction	EOR	CA	Los Angeles	T4N R17W Sec. 27
IIR	oil and gas extraction	EOR	CA	Los Angeles	T4N R17W Sec. 27
IIR	oil and gas extraction	EOR	CA	Los Angeles	T4N R17W Sec. 27
IIR	oil and gas extraction	EOR	CA	Los Angeles	T4N R17W Sec. 27
IIR	oil and gas extraction	EOR	CA	Los Angeles and Ventura	T4N R18W Sec. 13

34.4152269313	-118.627438768	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6900
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34.4152269313	-118.627438768	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7400
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34.4152269313	-118.627438768	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	9300
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34.4152269313	-118.627438768	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	9700
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34.4152269313	-118.627438768	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	11500
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34.4152269313	-118.627438768	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	14200
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34.4314954129	-118.720313663	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4500
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feet	Modelo	200	Sandstone
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feet	Modelo	250	Sandstone
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feet	Modelo	300	Sandstone
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feet	Modelo	400	Sandstone
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feet	Modelo	200	Sandstone
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feet	Modelo	300	Sandstone
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feet	Modelo	1100	Sandstone
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3/14/1983

5998.16533

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6855.04609

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5998.16533

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6855.04609

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A

3/14/1983

5998.16533

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3/14/1983

9768.44068

P

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9 992 9_992 The Superior Oil Co/Ramona Oil Field

9 993 9_993 The Superior Oil Co/Ramona Oil Field

9 994 9_994 Texaco Inc/Ramona, North, Oil Field

9 995 9_995 Thomas Oil Co/Saugus Oil Field

9 996 9_996 Thomas Oil Co/Saugus Oil Field

9 997 9_997 Fairfield Volunteer Pet. Co. E.F. Fairfield, Opr/Holser Oil
Field

9 998 9_998 Fairfield Volunteer Pet. Co. E.F. Fairfield, Opr/Holser Oil
Field

Oil and gas

Black 15

Oil and gas

Black 15

Oil and gas

Deaton 1

Oil and gas

N.L. & F. B-1

Oil and gas

N.L. & F. B-1

Oil and gas

Holser 2

Oil and gas

Holser 2

IIR	oil and gas extraction	EOR	CA	Los Angeles and Ventura	T4N R18W Sec. 13
IIR	oil and gas extraction	EOR	CA	Los Angeles and Ventura	T4N R18W Sec. 13
IIR	oil and gas extraction	EOR	CA	Los Angeles	T4N R17W Sec. 7
IIR	oil and gas extraction	EOR	CA	Los Angeles	T4N R16W Sec. 15
IIR	oil and gas extraction	EOR	CA	Los Angeles	T4N R16W Sec. 15
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R18W Sec. 14
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R18W Sec. 14

34.4314954129	-118.720313663	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6400
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34.4314954129	-118.720313663	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7700
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34.4458144049	-118.702578201	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3900
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34.4112443045	-118.614896992	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	9500
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34.4112443045	-118.614896992	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	10000
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34.4313840232	-118.738270943	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1000
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34.4313840232	-118.738270943	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4450
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feet	Modelo	550	Sandstone
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feet	Modelo	150	Sandstone
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feet	Modelo	150	Sandstone
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feet	Modelo	200	Sandstone
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feet	Modelo	250	Sandstone
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feet	Modelo	450	Sandstone
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feet	Modelo	400	Sandstone
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3/14/1983

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9425.68837

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3/14/1983

1371.00922

P A

3/14/1983

2742.01844

P A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)

9 999 9_999 Argo Petroleum Corp/Hopper Canyon Oil Field

9 1000 9_1000 Argo Petroleum Corp/Hopper Canyon Oil Field

9 1066 9_1066 Chevron U.S.A. Inc./Ryer Island Gas Field

9 1067 9_1067 Occidental Petroleum Corp./Sherman Island Gas Field

9 1068 9_1068 Chevron U.S.A. Inc./Suisun Bay Gas Field

9 1069 9_1069 Chevron U.S.A. Inc./Thornton, West-Walnut Grove Gas
Field

9 1070 9_1070 Chevron USA Inc./Van Sickle Island Gas Field

Oil and gas

Hopper Canyon 14

Oil and gas

Hopper Canyon 14

Oil and gas

Ryer 1

Oil and gas

Upham 1

Oil and gas

Suisun Community 16

Oil and gas

McCormach-Williamson 9

Oil and gas

Feykert 1

IIR	oil and gas extraction	EOR	CA	Ventura	T4N R19W Sec. 13
IIR	oil and gas extraction	EOR	CA	Ventura	T4N R19W Sec. 13
IIR	oil and gas extraction	EOR	CA	Solano	T3N R1W Sec. 30
IIR	oil and gas extraction	EOR	CA	Contra Costa, Sacramento, and Solano	T3N R2E Sec. 34
IIR	oil and gas extraction	EOR	CA	Solano	T3N R1W Sec. 4
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R5E Sec. 25
IIR	oil and gas extraction	EOR	CA	Solano	T3N R1E Sec. 32

34.4299932031	-118.823127846	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1000
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34.4299932031	-118.823127846	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1700
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38.1049289471	-120.871477467	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4470
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38.1086048235	-119.775349732	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4770
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38.1049289471	-120.871477467	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3650
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38.3038066135	-121.423173049	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2980
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38.1049289471	-120.871477467	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6760
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feet	Modelo	1500	Sandstone
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feet	Modelo	1500	Sandstone
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feet	Nortonville	60	Shale
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feet	Nortonville	10	Shale
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feet	Nortonville	175	Shale
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feet	Nortonville	3-6	Shale
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feet	Nortonville	10	Shale
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3/14/1983

685.504609

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1713.76152

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P A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 19. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

9 1071 9_1071 The Termo Co./Willow Pass Gas Field

9 1001 9_1001 Shell Oil Co./Brentwood Oil Field

9 1002 9_1002 Shell Oil Co./Brentwood Oil Field

9 1003 9_1003 Chevron USA Inc./Denverton Gas Field

9 1004 9_1004 Mobil Oil Corp./Denverton Creek Gas Field

9 1005 9_1005 Mobil Oil Corp./Denverton Creek Gas Field

9 1006 9_1006 Signal Oil and Gas Co., Oper./Dutch Slough Gas Field

Oil and gas

Neustaedter 1

Oil and gas

Heidorn 2-4

Oil and gas

Heidorn 2-4

Oil and gas

H.D. Peterson et al 558 25

Oil and gas

Trojan Powder Co. 1

Oil and gas

Trojan Powder Co. 1

Oil and gas

Tract 1 1-7

IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R1W Sec. 16
IIR	oil and gas extraction	EOR	CA	Contra Costa	T1N R2E Sec. 4
IIR	oil and gas extraction	EOR	CA	Contra Costa	T1N R2E Sec. 4
IIR	oil and gas extraction	EOR	CA	Solano	T5N R1W Sec. 25
IIR	oil and gas extraction	EOR	CA	Solano	T5N R1E Sec. 33
IIR	oil and gas extraction	EOR	CA	Solano	T5N R1E Sec. 33
IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R3E Sec. 17

38.018966875	-121.978576672	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1500- 3100
37.9614936495	-121.759966762	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3570
37.9614936495	-121.759966762	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3600
38.2501741545	-121.924040129	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1425
38.2352630097	-121.870220129	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8585
38.2352630097	-121.870220129	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8930
38.0211027606	-118.671081688	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7000

feet	Nortonville	35	Shale
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feet	Martinez	20	Shale
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feet	Martinez	250	Shale
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feet	Martinez	25	Shale
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feet	Martinez	15	Shale
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feet	Martinez	35	Shale
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feet	Martinez	50	Shale
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1000

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3080

P A

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1540

P A

3/14/1983

P A

3/14/1983

P A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

9 1007 9_1007 Signal Oil and Gas Co., Oper./Dutch Slough Gas Field

9 1008 9_1008 Signal Oil and Gas Co., Oper./Dutch Slough Gas Field

9 1009 9_1009 Signal Oil and Gas Co., Oper./Dutch Slough Gas Field

9 1010 9_1010 The Dow Chemical Co./Kirby Hill Gas Field

9 1011 9_1011 Shell Oil Co./North Kirby Hill Gas Field

9 1012 9_1012 Cities Service Co./Liberty Island Gas Field

9 1013 9_1013 Chevron U.S.A. Inc./Lindsey Slough Gas Field

Oil and gas

Tract 1 1-7

Oil and gas

Tract 1 1-7

Oil and gas

Tract 1 1-7

Oil and gas

Lambie 6

Oil and gas

Stewart 1

Oil and gas

Moresco A-1

Oil and gas

Peter Cook 16

IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R3E Sec. 17
IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R3E Sec. 17
IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R3E Sec. 17
IIR	oil and gas extraction	EOR	CA	Solano	T4N R1E Sec. 30
IIR	oil and gas extraction	EOR	CA	Solano	T4N R1E Sec. 7
IIR	oil and gas extraction	EOR	CA	Solano	T5N R3E Sec. 30
IIR	oil and gas extraction	EOR	CA	Solano	T4N R2E Sec. 10

38.0211027606	-118.671081688	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7200
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38.0211027606	-118.671081688	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7300
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38.0211027606	-118.671081688	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7400
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38.1928945435	-120.871731871	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2850- 5400
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38.1928945435	-120.871731871	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3510
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640 Acres	1 Section	4725
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38.2054765159	-121.741585831	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6820
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feet	Martinez	50	Shale
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feet	Martinez	50	Shale
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feet	Martinez	95	Shale
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feet	Martinez	150	Shale
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feet	Martinez	40	Shale
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feet	Martinez	30	Shale
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feet	Martinez	25	Shale
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			3/14/1983
325		P A	

			3/14/1983
428		P A	

			3/14/1983
4622		P A	

			3/14/1983
		P A	

			3/14/1983
5500		P A	

			3/14/1983
7900		P A	

			3/14/1983
860		P A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

9 1014 9_1014 Atlantic Oil Co./Maine Prairie Gas Field

9 1015 9_1015 Atlantic Oil Co./Maine Prairie Gas Field

9 1016 9_1016 Occidental Petroleum Corp./Oakley Gas Field

9 1017 9_1017 Western Continental Operating Co./River Break Gas Field

9 1018 9_1018 Western Continental Operating Co./River Break Gas Field

9 1019 9_1019 Occidental Petroleum Corp./Sherman Island Gas Field

9 1020 9_1020 Western Continental Operating Co./River Break Gas Field

Oil and gas

Moresco Brothers 1

Oil and gas

Moresco Brothers 1

Oil and gas

Machado 1

Oil and gas

Audrey Smith 1

Oil and gas

Audrey Smith 1

Oil and gas

Upham 1

Oil and gas

Audrey Smith 1

IIR	oil and gas extraction	EOR	CA	Solano	T5N R2E Sec. 12
IIR	oil and gas extraction	EOR	CA	Solano	T5N R2E Sec. 12
IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R3E Sec. 30
IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R2E Sec. 35
IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R2E Sec. 35
IIR	oil and gas extraction	EOR	CA	Contra Costa, Sacramento, and Solano	T3N R2E Sec. 34
IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R2E Sec. 35

38.274405102	-119.771647516	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4740
38.274405102	-119.771647516	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5935
37.9905536383	-121.686648996	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7822
37.9760252675	-121.723183281	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5540
37.9760252675	-121.723183281	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5660
38.1086048235	-119.775349732	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6100
37.9760252675	-121.723183281	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5450

feet	Martinez	40	Shale
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feet	Martinez	20	Shale
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feet	Martinez	60	Shale
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feet	Martinez	25	Shale
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feet	Martinez	60	Shale
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feet	Martinez	50	Shale
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feet	Meganos	40	Shale
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5992		P A	

			3/14/1983
685		P A	

			3/14/1983
7000		P A	

			3/14/1983
		P A	

			3/14/1983
7000		P A	

			3/14/1983
10000		P A	

			3/14/1983
		P A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

9 1021 9_1021 Conoco Inc./South Oakley Gas Field

9 1022 9_1022 Chevron U.S.A. Inc./Thornton, West-Walnut Grove Gas
Field

9 1023 9_1023 Shell Oil Co./Brentwood Oil Field

9 1024 9_1024 Shell Oil Co./Brentwood Oil Field

9 1025 9_1025 DEPCO, Inc./East Brentwood Gas Field

9 1026 9_1026 Amerada Hess Corp., Unit Oper./Bunker Gas Field

9 1027 9_1027 Amerada Hess Corp., Unit Oper./Bunker Gas Field

Oil and gas

Marsh Creek Unit 1

Oil and gas

McCormach-Williamson 9

Oil and gas

Heidorn 2-4

Oil and gas

Heidorn 2-4

Oil and gas

McLeod 444-7

Oil and gas

BGZU 702

Oil and gas

BGZU 702

IIR	oil and gas extraction	EOR	CA	Contra Costa	T1N R2E Sec. 12
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R5E Sec. 25
IIR	oil and gas extraction	EOR	CA	Contra Costa	T1N R2E Sec. 4
IIR	oil and gas extraction	EOR	CA	Contra Costa	T1N R2E Sec. 4
IIR	oil and gas extraction	EOR	CA	Contra Costa	T1N R3E Sec. 7
IIR	oil and gas extraction	EOR	CA	Solano	T6N R2E Sec. 19
IIR	oil and gas extraction	EOR	CA	Solano	T6N R2E Sec. 19

37.9360644625	-119.773457937	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7475
38.3038066135	-121.423173049	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3680
37.9614936495	-121.759966762	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3770
37.9614936495	-121.759966762	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4025
37.9472095463	-121.684062397	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8000
38.3512291471	-121.795543392	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6780
38.3512291471	-121.795543392	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6845

feet	Meganos Canyon fill	50	Shale
feet	Meganos Canyon fill	15	Shale
feet	Mokelumne River	95	Sandstone
feet	Mokelumne River	180	Sandstone
feet	Mokelumne River	170	Sandstone
feet	Mokelumne River	15	Sandstone
feet	Mokelumne River	25	Sandstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

- 9 1028 9_1028 Buttes Resources Co./Conway Ranch Gas Field

- 9 1029 9_1029 Coastal Oil and Gas Corp./East Dixon Gas Field

- 9 1030 9_1030 Signal Oil and Gas Co., Oper./Dutch Slough Gas Field

- 9 1031 9_1031 Centura, Inc./Fremont Landing Gas Field

- 9 1032 9_1032 Atlantic Oil Co./Grand Island Gas Field

- 9 1033 9_1033 Nahama & Weagant, Inc./Greens Lake Gas Field

- 9 1034 9_1034 Tenneco West, Inc./Harte Gas Field

Oil and gas	Humble-Investment Opr., Inc. 2
Oil and gas	E. Dixon 1
Oil and gas	Tract 1 1-7
Oil and gas	Deseret Farms 3
Oil and gas	Gemignani 2
Oil and gas	Greens Lake Unit 1 2
Oil and gas	KCY-Reserve Podesta Unit 1

IIR	oil and gas extraction	EOR	CA	Yolo	T9N R2E Sec. 1
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IIR	oil and gas extraction	EOR	CA	Solano	T7N R2E Sec. 7
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IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R3E Sec. 17
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IIR	oil and gas extraction	EOR	CA	Yolo	T11N R3E Sec. 27
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IIR	oil and gas extraction	EOR	CA	Sacramento	T5N R4E Sec. 31
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IIR	oil and gas extraction	EOR	CA	Yolo	T8N R4E Sec. 18
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IIR	oil and gas extraction	EOR	CA	San Joaquin	T2N R6E Sec. 4
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38.6548942848	-121.700974909	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2850- 3100
38.4671489404	-121.795021452	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4500
38.0211027606	-118.671081688	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8100
38.8051256141	-121.623186817	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2320
			640 Acres	1 Section	4672
38.5206440452	-121.491089605	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3200
38.0502209939	-121.323404308	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4400- 4700

feet	Mokelumne River	0-80	Sandstone
feet	Mokelumne River	15	Sandstone
feet	Mokelumne River	15	Sandstone
feet	Mokelumne River	25	Sandstone
feet	Mokelumne River	5	Sandstone
feet	Mokelumne River	110	Sandstone
feet	Mokelumne River	10-25	Sandstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

9 1035 9_1035 Natural Gas Corp. of Calif./Knightsen Gas Field

9 1036 9_1036 Amerada Hess Corp., Unit Oper./Lodi Gas Field

9 1037 9_1037 Atlantic Oil Co./Maine Prairie Gas Field

9 1038 9_1038 Hunnicutt & Camp Drilling Co./Millar Gas Field

9 1039 9_1039 Amerada Hess Corp./Millar Gas Field

9 1040 9_1040 Hunnicutt & Campbell Drilling Co./Millar Gas Field

9 1041 9_1041 Hunnicutt & Campbell Drilling Co./Millar Gas Field

Oil and gas

Western-Murphy-et al 1

Oil and gas

LGZU 201

Oil and gas

Moresco Brothers 1

Oil and gas

Anderson-Rohwer Unit 1

Oil and gas

Millar Comm. 1

Oil and gas

Anderson-Rohwer Unit 1

Oil and gas

Anderson-Rohwer Unit 1

IIR	oil and gas extraction	EOR	CA	Contra Costa	T1N R3E Sec. 5
IIR	oil and gas extraction	EOR	CA	San Joaquin	T4N R7E Sec. 10
IIR	oil and gas extraction	EOR	CA	Solano	T5N R2E Sec. 12
IIR	oil and gas extraction	EOR	CA	Solano and Yolo	T6N R2E Sec. 5
IIR	oil and gas extraction	EOR	CA	Solano and Yolo	T6N R2E Sec. 2
IIR	oil and gas extraction	EOR	CA	Solano and Yolo	T6N R2E Sec. 5
IIR	oil and gas extraction	EOR	CA	Solano and Yolo	T6N R2E Sec. 5

37.9616624346	-121.66850288	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8700
38.2113821202	-121.198711921	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2515
38.274405102	-119.771647516	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5740
38.3947338883	-121.777003643	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4585
38.3944311356	-121.721492169	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4585
38.3947338883	-121.777003643	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5290
38.3947338883	-121.777003643	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5350

feet	Mokelumne River	25	Sandstone
feet	Mokelumne River	35	Sandstone
feet	Mokelumne River	35	Sandstone
feet	Mokelumne River	40	Sandstone
feet	Mokelumne River	50	Sandstone
feet	Mokelumne River	40	Sandstone
feet	Mokelumne River	65	Sandstone

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1700

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

- 9 1042 9_1042 Shell Oil Co./Rio Jesus Gas Field
- 9 1043 9_1043 Union Oil Company of California/River Island Gas Field
- 9 1044 9_1044 Union Oil Company of California/River Island Gas Field
- 9 1045 9_1045 Chevron U.S.A. Inc./Roberts Island Gas Field
- 9 1046 9_1046 Chevron U.S.A. Inc./Roberts Island Gas Field
- 9 1047 9_1047 Buttes Resources Co./Sacramento Airport Gas Field
- 9 1048 9_1048 Chevron U.S.A. Inc./Thornton, West-Walnut Grove Gas Field

Oil and gas

Jesus-Maria 1

Oil and gas

S.R. Unit 1 1

Oil and gas

S.R. Unit 1 1

Oil and gas

Woods Community 2-5

Oil and gas

Woods Community 2-5

Oil and gas

Natomas 3

Oil and gas

McCormach-Williamson 9

IIR	oil and gas extraction	EOR	CA	Yolo	T10N R3E Sec. 4
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T4N R4E Sec. 17
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T4N R4E Sec. 17
IIR	oil and gas extraction	EOR	CA	San Joaquin	T1N R5E Sec. 26
IIR	oil and gas extraction	EOR	CA	San Joaquin	T1N R5E Sec. 26
IIR	oil and gas extraction	EOR	CA	Sacramento, Sutter and Yolo	T10N R4E Sec. 6
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R5E Sec. 25

38.6895154532	-121.631522997	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2470
			640 Acres	1 Section	4350
			640 Acres	1 Section	4700- 5500
			640 Acres	1 Section	5250
			640 Acres	1 Section	6301
38.7464299527	-121.585702863	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2200
38.3038066135	-121.423173049	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3560

feet	Mokelumne River	50	Sandstone
feet	Mokelumne River	40	Sandstone
feet	Mokelumne River	5-40	Sandstone
feet	Mokelumne River	10	Sandstone
feet	Mokelumne River	3	Sandstone
feet	Mokelumne River	23	Sandstone
feet	Mokelumne River	60	Sandstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

9 Chevron U.S.A. Inc./Thornton, West-Walnut Grove Gas
1049 9_1049 Field

9 Chevron U.S.A. Inc./Thornton, West-Walnut Grove Gas
1050 9_1050 Field

9 Chevron U.S.A. Inc./Thornton, West-Walnut Grove Gas
1051 9_1051 Field

9 1052 9_1052 Getty Oil Co./Todhunters Lake Gas Field

9 1053 9_1053 Atlantic Oil Co./Winchester Lake Gas Field

9 1054 9_1054 Atlantic Oil Co./Winchester Lake Gas Field

9 1055 9_1055 Atlantic Oil Co./Winchester Lake Gas Field

Oil and gas

McCormach-Williamson 9

Oil and gas

McCormach-Williamson 9

Oil and gas

McCormach-Williamson 9

Oil and gas

I.O.C. 2

Oil and gas

Dwyer 1

Oil and gas

Dwyer 1

Oil and gas

Dwyer 1

IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R5E Sec. 25
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R5E Sec. 25
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R5E Sec. 25
IIR	oil and gas extraction	EOR	CA	Yolo	T9N R3E Sec. 33
IIR	oil and gas extraction	EOR	CA	Yolo	T7N R4E Sec. 9
IIR	oil and gas extraction	EOR	CA	Yolo	T7N R4E Sec. 9
IIR	oil and gas extraction	EOR	CA	Yolo	T7N R4E Sec. 9

38.3038066135	-121.423173049	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4060
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38.3038066135	-121.423173049	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4240
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38.3038066135	-121.423173049	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4420
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38.5823960705	-121.647560724	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3150
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38.445145254	-121.504302484	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3150
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38.445145254	-121.504302484	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3320
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38.445145254	-121.504302484	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3380
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feet	Mokelumne River	10	Sandstone
feet	Mokelumne River	35	Sandstone
feet	Mokelumne River	25	Sandstone
feet	Mokelumne River	30-60	Sandstone
feet	Mokelumne River	10	Sandstone
feet	Mokelumne River	15	Sandstone
feet	Mokelumne River	10	Sandstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

9 1056 9_1056 Atlantic Oil Co./Winchester Lake Gas Field

9 1057 9_1057 Occidental Petroleum Corp./Sargent Oil Field

9 1058 9_1058 W.E. Strangman/Vernalis Gas Field

9 1059 9_1059 Chevron U.S.A., Inc./Concord Gas Field

9 1060 9_1060 The Dow Chemical Co./Kirby Hill Gas Field

9 1061 9_1061 Arcady Oil Co./Liberty Cut Gas Field

9 1062 9_1062 Pacific Gas and Electric Co./Los Medanos Gas Field

Oil and gas

Dwyer 1

Oil and gas

Sargent 1

Oil and gas

Navarra 1

Oil and gas

Boylan 1

Oil and gas

Lambie 6

Oil and gas

Fahn 5

Oil and gas

Ginochio 3-7

IIR	oil and gas extraction	EOR	CA	Yolo	T7N R4E Sec. 9
IIR	oil and gas extraction	EOR	CA	Santa Clara	T11S R3E Sec. 36
IIR	oil and gas extraction	EOR	CA	San Joaquin and Stanislaus	T3S R6E Sec. 29
IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R2W Sec. 24
IIR	oil and gas extraction	EOR	CA	Solano	T4N R1E Sec. 30
IIR	oil and gas extraction	EOR	CA	Solano	T5N R3E Sec. 8
IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R1W Sec. 7

38.445145254	-121.504302484	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3680
36.936888348	-121.590198009	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	850-1100
37.6454630782	-121.333587024	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3600
38.0230075981	-119.773384573	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1650- 1800
38.1928945435	-120.871731871	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1250- 2250
			640 Acres	1 Section	4060
38.0336351607	-122.015576387	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4300

feet	Mokelumne River	10	Sandstone
feet	Monterey	30-50	Shale
feet	Moreno	40	Shale
feet	Nortonville	5-15	Shale
feet	Nortonville	35	Shale
feet	Nortonville	10	Shale
feet	Nortonville	40	Shale

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

- 9 1063 9_1063 Amerada Hess Corp./Millar Gas Field

- 9 1064 9_1064 Chevron U.S.A. Inc./Rio Vista Gas Field

- 9 1065 9_1065 Union Oil Company of California/River Island Gas Field

- 9 1072 9_1072 Bethlehem Steel Corp./Pinoe Point Oil Field

- 9 1073 9_1073 Texaco Inc./Hospital Nose Gas Field

- 9 1074 9_1074 Great Basins Petroleum Co./McMullin Ranch Gas Field

- 9 1075 9_1075 Amerada Hess Corp./Tracy Gas Field

Oil and gas

Millar Comm. 1

Oil and gas

Peter Cook 15

Oil and gas

S.R. Unit 1 1

Oil and gas

Bethlehem 1

Oil and gas

Hancock-Signal (NCT-1)
Wente 1

Oil and gas

Occidental-Whiting 66X-23

Oil and gas

Tracy Community 1 1

IIR	oil and gas extraction	EOR	CA	Solano and Yolo	T6N R2E Sec. 2
IIR	oil and gas extraction	EOR	CA	Contra Costa, Sacramento, and Solano	T4N R3E Sec. 8
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T4N R4E Sec. 17
IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R4W Sec. 19
IIR	oil and gas extraction	EOR	CA	Alameda	T3S R2E Sec. 27
IIR	oil and gas extraction	EOR	CA	San Joaquin	T2S R6E Sec. 23
IIR	oil and gas extraction	EOR	CA	San Joaquin	T2S R5E Sec. 15

38.3944311356	-121.721492169	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3875
			640 Acres	1 Section	3700- 4200
			640 Acres	1 Section	3600
38.0020510004	-122.34333329	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4350
37.6433762539	-121.737412544	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5070
37.7480049663	-121.319598081	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6005
37.7324311042	-121.419214085	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3900

feet	Nortonville	5	Shale
feet	Nortonville	25	Shale
feet	Nortonville	5	Shale
feet	Orinda	75	Sandstone
feet	Panoche	110	Sandstone
feet	Panoche	2-15	Sandstone
feet	Panoche	40	Sandstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

9 1076 9_1076 W.E. Strangman/Vernalis Gas Field

9 1077 9_1077 W.E. Strangman/Vernalis Gas Field

9 1078 9_1078 W.E. Strangman/Vernalis Gas Field

9 1079 9_1079 Occidental Petroleum Cor./Southwest Vernalis Gas Field

9 1080 9_1080 Shell Oil Co./Petaluma Oil Field

9 1081 9_1081 Shell Oil Co./Petaluma Oil Field

9 1082 9_1082 Shell Oil Co./Petaluma Oil Field

Oil and gas

Navarra 1

Oil and gas

Navarra 1

Oil and gas

Navarra 1

Oil and gas

Raspo 1

Oil and gas

Murphy 1

Oil and gas

Murphy 1

Oil and gas

Murphy 1

IIR	oil and gas extraction	EOR	CA	San Joaquin and Stanislaus	T3S R6E Sec. 29
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IIR	oil and gas extraction	EOR	CA	San Joaquin and Stanislaus	T3S R6E Sec. 29
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IIR	oil and gas extraction	EOR	CA	San Joaquin and Stanislaus	T3S R6E Sec. 29
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IIR	oil and gas extraction	EOR	CA	San Joaquin	T4S R6E Sec. 6
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IIR	oil and gas extraction	EOR	CA	Sonoma	T5N R6W Sec. 19
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IIR	oil and gas extraction	EOR	CA	Sonoma	T5N R6W Sec. 19
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IIR	oil and gas extraction	EOR	CA	Sonoma	T5N R6W Sec. 19
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37.6454630782	-121.333587024	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3800
37.6454630782	-121.333587024	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4650
37.6454630782	-121.333587024	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4925
37.6164443613	-121.351845597	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4560
38.312366701	-122.466497926	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	670
38.312366701	-122.466497926	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	920
38.312366701	-122.466497926	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1240

feet	Panoche	80	Sandstone
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feet	Panoche	40	Sandstone
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feet	Panoche	10	Sandstone
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feet	Panoche	4	Sandstone
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feet	Petaluma	20	Shale
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feet	Petaluma	25	Shale
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feet	Petaluma	20	Shale
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

- 9 1083 9_1083 Exxon Corp./Bounde Creek Gas Field

- 9 1084 9_1084 Union Oil Company of California/Greenwood Gas Field

- 9 1085 9_1085 Shell Oil Co./South Greenwood Gas Field

- 9 1086 9_1086 Exxon Corp./Perkins Lake Gas Field

- 9 1087 9_1087 Sun Oil Co./Willows-Beehive Bend Gas Field

- 9 1088 9_1088 Wilshire Oil Co., Inc./Half Moon Bay Oil Field

- 9 1089 9_1089 Neaves Petroleum Developments/La Honda Oil Field

Oil and gas

Bounde Creek Opr. Unit 1 1

Oil and gas

UTGM Orland A-1

Oil and gas

Rehse et al 1-14

Oil and gas

Parrott Investment
Company B-6

Oil and gas

Sunray-General Petroleum
Whyler-Wolcott Unit 1

Oil and gas

Cowell 1

Oil and gas

Neaves-Union Oil Co. Lane
1

IIR	oil and gas extraction	EOR	CA	Colusa and Glenn	T18N R2W Sec. 13
IIR	oil and gas extraction	EOR	CA	Glenn	T22N R3W Sec. 35
IIR	oil and gas extraction	EOR	CA	Glenn	T21N R3W Sec. 14
IIR	oil and gas extraction	EOR	CA	Butte	T20N R1W Sec. 16
IIR	oil and gas extraction	EOR	CA	Glenn	T19N R2W Sec. 11
IIR	oil and gas extraction	EOR	CA	San Mateo	T6S R5W Sec. 21
IIR	oil and gas extraction	EOR	CA	San Mateo	T7S R4W Sec. 16

39.4068188733	-122.117205444	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2840
39.7181092434	-122.16893058	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1460
39.6748128318	-122.168628622	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1410
39.5897337715	-120.851738547	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3400
39.4903515587	-122.1206103	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2045
37.4038837454	-122.414716229	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	800-2700
37.3190547921	-122.297276278	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1120

feet	Princeton Cyn. Fill	30	Sandstone
feet	Princeton Cyn. Fill	10	Sandstone
feet	Princeton Cyn. Fill	20	Sandstone
feet	Princeton Cyn. Fill	10-130	Sandstone
feet	Princeton Cyn. Fill	55	Sandstone
feet	Purisima	50	Sandstones
feet	Purisima	30	Sandstones

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

- 9 1090 9_1090 Occidental Petroleum Corp./Sargent Oil Field

- 9 1091 9_1091 Texaco Inc./Table Bluff Gas Field

- 9 1092 9_1092 Argo Petroleum Corp./Tompkins Hill Gas Field

- 9 1093 9_1093 Division of Highways/Moody Gulch Oil Field

- 9 1094 9_1094 Chevron U.S.A. Inc./Suisun Bay Gas Field

- 9 1095 9_1095 Chevron USA, Inc./Cache Creek Gas Field

- 9 1096 9_1096 Davis Oil Co./Catlett Gas Field

Oil and gas

Sargent 1

Oil and gas

Eureka 1

Oil and gas

Edwards-Vicenus 3

Oil and gas

Well No. 2

Oil and gas

Suisun Community 16

Oil and gas

E. A. Payne et al 1-11

Oil and gas

Aileen Marty 1

IIR	oil and gas extraction	EOR	CA	Santa Clara	T11S R3E Sec. 36
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IIR	oil and gas extraction	EOR	CA	Humboldt	T3N R2W Sec. 1
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IIR	oil and gas extraction	EOR	CA	Humboldt	T3N R1W Sec. 20
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IIR	oil and gas extraction	EOR	CA	Santa Clara	T9S R1W Sec. 8
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IIR	oil and gas extraction	EOR	CA	Solano	T3N R1W Sec. 4
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IIR	oil and gas extraction	EOR	CA	Yolo	T10N R2E Sec. 11
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IIR	oil and gas extraction	EOR	CA	Sutter	T12N R3E Sec. 35
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36.936888348	-121.590198009	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	300
40.6023468843	-124.264563781	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2100- 4775
40.6283753598	-124.206994207	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5920
37.163492548	-121.994736023	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	330-930
38.1049289471	-120.871477467	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	975
38.7138576916	-119.77638792	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3924
38.8438884428	-121.608210214	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2250

feet	Purisima	75	Sandstones
feet	Rio Dell	1-40	Siltstones
feet	Rio Dell	20	Siltstones
feet	San Lorenzo	20-35	Shale
feet	Sonoma Volcanics	25	volcanic
feet	Starkey	3	Sandstone
feet	Starkey	10	Sandstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

9 1097 9_1097 Buttes Resources Co./Conway Ranch Gas Field

9 1098 9_1098 Chevron USA, Inc./Crossroads Gas Field

9 1099 9_1099 Mobil Oil Corp./Denver Creek Gas Field

9 1100 9_1100 ARCO Oil and Gas Co./Dufour Gas Field

9 1101 9_1101 Tenneco West, Inc./Harte Gas Field

9 1102 9_1102 The Dow Chemical Co./Karnak Gas Field

9 1103 9_1103 Hunnicutt & Campbell Drilling Co./Millar Gas Field

Oil and gas	Humble-Investment Opr., Inc. 2
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Oil and gas	Amstar 1
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Oil and gas	Trojan Powder Co. 1
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Oil and gas	Dufour 1
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Oil and gas	KCY-Reserve Podesta Unit 1
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Oil and gas	Richter, et al Unit Well 1
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Oil and gas	Anderson-Rohwer Unit 1
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IIR	oil and gas extraction	EOR	CA	Yolo	T9N R2E Sec. 1
IIR	oil and gas extraction	EOR	CA	Yolo	T10N R2E Sec. 22
IIR	oil and gas extraction	EOR	CA	Solano	T5N R1E Sec. 33
IIR	oil and gas extraction	EOR	CA	Yolo	T11N R1E Sec. 28
IIR	oil and gas extraction	EOR	CA	San Joaquin	T2N R6E Sec. 4
IIR	oil and gas extraction	EOR	CA	Sutter	T11N R3E Sec. 17
IIR	oil and gas extraction	EOR	CA	Solano and Yolo	T6N R2E Sec. 5

38.6548942848	-121.700974909	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3300- 4300
38.6949866085	-121.737263335	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4150
38.2352630097	-121.870220129	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	9890
38.7722263733	-121.868437996	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3700
38.0502209939	-121.323404308	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6970
38.8051256141	-121.623186817	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2400- 3000
38.3947338883	-121.777003643	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5665

feet	Starkey	0-60	Sandstone
feet	Starkey	35	Sandstone
feet	Starkey	30	Sandstone
feet	Starkey	30	Sandstone
feet	Starkey	10	Sandstone
feet	Starkey	15-30	Sandstone
feet	Starkey	75	Sandstone

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

9 1104 9_1104 Occidental Petroleum Corp./Putah Sink Gas Field

9 1105 9_1105 Chevron U.S.A. Inc./Rio Vista Gas Field

9 1106 9_1106 Buttes Resources Co./Sacramento Airport Gas Field

9 1107 9_1107 Exxon Corp./Saxon Gas Field

9 1108 9_1108 The Dow Chemical Co./Sugarfield Gas Field

9 1109 9_1109 Natural Gas Corp. of Calif./Sycamore Slough Gas Field

9 1110 9_1110 Getty Oil Co./Todhunters Lake Gas Field

Oil and gas

Glide 1

Oil and gas

Peter Cook 15

Oil and gas

Natomas 3

Oil and gas

John C. Maxwell 1

Oil and gas

Robinson Well 1

Oil and gas

Big Valley Recl. Dist. 108-2

Oil and gas

I.O.C. 2

IIR	oil and gas extraction	EOR	CA	Yolo	T8N R3E Sec. 34
IIR	oil and gas extraction	EOR	CA	Contra Costa, Sacramento, and Solano	T4N R3E Sec. 8
IIR	oil and gas extraction	EOR	CA	Sacramento, Sutter and Yolo	T10N R4E Sec. 6
IIR	oil and gas extraction	EOR	CA	Yolo	T7N R3E Sec. 7
IIR	oil and gas extraction	EOR	CA	Yolo	T10N R2E Sec. 16
IIR	oil and gas extraction	EOR	CA	Yolo	T12N R1E Sec. 20
IIR	oil and gas extraction	EOR	CA	Yolo	T9N R3E Sec. 33

38.5212981145	-121.674693904	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5550
			640 Acres	1 Section	9650
38.7464299527	-121.585702863	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2600- 2900
38.4669162645	-121.684396313	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6280
38.7138576916	-119.77638792	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4080
38.8828240476	-120.858383685	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3720
38.5823960705	-121.647560724	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4000- 5850

feet	Starkey	50	Sandstone
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feet	Starkey	55	Sandstone
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feet	Starkey	12-15	Sandstone
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feet	Starkey	30	Sandstone
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feet	Starkey	30	Sandstone
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feet	Starkey	25	Sandstone
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feet	Starkey	5-55	Sandstone
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			3/14/1983
7700	P	A	

			3/14/1983
	P	A	

			3/14/1983
	P	A	

			3/14/1983
	P	A	

			3/14/1983
3900	P	A	

			3/14/1983
6160	P	A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

9 1111 9_1111 Capitol Oil Corp./Tremont Gas Field

9 1112 9_1112 Shell Oil Co./Willow Slough Gas Field

9 1113 9_1113 Atlantic Oil Co./Woodland Gas Field

9 1114 9_1114 Pexco, Inc./Zamora Gas Field

9 1115 9_1115 Buttes Resources Co./Sutter City Gas Field

9 1116 9_1116 Hershey Oil Corp./Livermore Oil Field

9 1117 9_1117 Occidental Petroleum Corp./Lathrop Gas Field

Oil and gas

Hamel-Thomas 1

Oil and gas

Stephens 1-28

Oil and gas

Shell-Oliver 1

Oil and gas

Knaggs-Wallace 1

Oil and gas

Butte Community B 6

Oil and gas

Nissen 3

Oil and gas

Lathrop Unit B 5

IIR	oil and gas extraction	EOR	CA	Solano	T8N R2E Sec. 34
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IIR	oil and gas extraction	EOR	CA	Yolo	T9N R2E Sec. 28
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IIR	oil and gas extraction	EOR	CA	Yolo	T10N R1E Sec. 24
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IIR	oil and gas extraction	EOR	CA	Yolo	T11N R1E Sec. 12
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IIR	oil and gas extraction	EOR	CA	Sutter	T15N R2E Sec. 7
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IIR	oil and gas extraction	EOR	CA	Alameda	T3S R3E Sec. 8
-----	------------------------	-----	----	---------	----------------

IIR	oil and gas extraction	EOR	CA	San Joaquin	T1S R6E Sec. 7
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38.4956275999	-121.741776451	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6050
38.5975701876	-121.757697039	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4850
38.7123239455	-120.873222138	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3988
38.7963183125	-120.857722443	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3580
39.1645450554	-121.790080051	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1440
37.6869222857	-121.668917783	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5300
37.8264424811	-121.263032198	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4747- 6295

feet	Starkey	20	Sandstone
feet	Starkey	25	Sandstone
feet	Starkey	32	Sandstone
feet	Starkey	30	Sandstone
feet	Starkey-Winters	30	Sandstone-Shale
feet	Tesla	35	Sandstone
feet	Tracy	50-75	Iron

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

9 1118 9_1118 Bender Oil Operations/Malton - Black Butte Gas Field

9 1119 9_1119 Sun Oil Co./Kirkwood Gas Field

9 1120 9_1120 Mobil Oil Corp./Ilano Seco Gas Field

9 1127 9_1127 Buttes Resources Co./Sycamore Gas Field

9 1128 9_1128 Chevron U.S.A. Inc./Thornton, West-Walnut Grove Gas
Field

9 1129 9_1129 Zia La Honda, Ltd./La Honda Oil Field

9 1130 9_1130 Supreme Oil & Gas Corp./Fairfield Knolls Gas Field

Oil and gas

Bryan 1

Oil and gas

Tucker-Gay 1

Oil and gas

Llano Seco 1

Oil and gas

O.P. Davis B-6

Oil and gas

McCormach-Williamson 9

Oil and gas

Burns-Texaco 1

Oil and gas

Corcoran 1

IIR	oil and gas extraction	EOR	CA	Glenn and Tehama	T23N R3W Sec. 33
IIR	oil and gas extraction	EOR	CA	Tehama	T23N R3W Sec. 10
IIR	oil and gas extraction	EOR	CA	Butte and Glenn	T20N R1W Sec. 33
IIR	oil and gas extraction	EOR	CA	Colusa and Sutter	T15N R1W Sec. 22
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R5E Sec. 25
IIR	oil and gas extraction	EOR	CA	San Mateo	T7S R4W Sec. 22
IIR	oil and gas extraction	EOR	CA	Yolo	T9N R1E Sec. 33

39.8054431306	-122.206747617	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1900
39.8633918606	-122.188027982	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2400
39.5897337715	-120.851738547	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1600
39.1490165287	-120.849416971	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1480
38.3038066135	-121.423173049	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2410
37.3089201869	-122.286113214	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2500
38.5834129916	-121.867769017	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3625

feet		10	undiff. marine
feet		25	undiff. marine strata
feet		20	undiff. marine strata
feet		25	undiff. nonmarine
feet		6	undiff. nonmarine
feet	Butano	30	Sandstone
feet	Capay	25	Shale

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

9 1131 9_1131 Great Basins Petroleum Co./Lodi Airport Gas Field

9 1132 9_1132 Chevron U.S.A. Inc./Rio Vista Gas Field

9 1133 9_1133 Western Continental Operating Co./River Break Gas Field

9 1134 9_1134 Union Oil Company of California/River Island Gas Field

9 1135 9_1135 Occidental Petroleum Corp./Sherman Island Gas Field

9 1136 9_1136 Chevron U.S.A. Inc./Thornton, West-Walnut Grove Gas Field

9 1137 9_1137 Albert A. Rembold/Winters Gas Field

Oil and gas

Phillips Olagary 1

Oil and gas

Peter Cook 15

Oil and gas

Audrey Smith 1

Oil and gas

S.R. Unit 1 1

Oil and gas

Upham 1

Oil and gas

McCormach-Williamson 9

Oil and gas

Winters Unit 2 1

IIR	oil and gas extraction	EOR	CA	San Joaquin	T3N R6E Sec. 28
IIR	oil and gas extraction	EOR	CA	Contra Costa, Sacramento, and Solano	T4N R3E Sec. 8
IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R2E Sec. 35
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T4N R4E Sec. 17
IIR	oil and gas extraction	EOR	CA	Contra Costa, Sacramento, and Solano	T3N R2E Sec. 34
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R5E Sec. 25
IIR	oil and gas extraction	EOR	CA	Solano and Yolo	T8N R1E Sec. 18

38.0793141736	-121.324356226	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4440
			640 Acres	1 Section	4500- 5100
37.9760252675	-121.723183281	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5015
			640 Acres	1 Section	4230
38.1086048235	-119.775349732	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5750
38.3038066135	-121.423173049	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3280
38.54644239	-121.90909195	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4615

feet	Capay	10	Shale
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feet	Capay	20-40	Shale
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feet	Capay	30	Shale
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feet	Capay	20	Shale
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feet	Capay	75	Shale
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feet	Capay	3	Shale
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feet	Capay	3	Shale
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

9 1138 9_1138 Conoco Inc./Petrolia Oil Field

9 1139 9_1139 Hershey Oil Corp./Livermore Oil Field

9 1140 9_1140 Atlantic Oil Co./Sutter City Gas Field

9 1141 9_1141 Sun Oil Co./Willows-Beehive Bend Gas Field

9 1121 9_1121 The Superior Oil Co./Corning Gas Field

9 Northern Counties Petroleum Co./South Corning Gas
1122 9_1122 Field

9 Northern Counties Petroleum Co./South Corning Gas
1123 9_1123 Field

Oil and gas

Chambers 1

Oil and gas

Nissen 3

Oil and gas

Sutter Unit K 1

Oil and gas

Sunray-General Petroleum
Whyler-Wolcott Unit 1

Oil and gas

Saldubehere 1

Oil and gas

Ewers Mooney 1

Oil and gas

Ewers Mooney 1

IIR	oil and gas extraction	EOR	CA	Humboldt	T1S R2W Sec. 21
IIR	oil and gas extraction	EOR	CA	Alameda	T3S R3E Sec. 8
IIR	oil and gas extraction	EOR	CA	Sutter	T15N R2E Sec. 30
IIR	oil and gas extraction	EOR	CA	Glenn	T19N R2W Sec. 11
IIR	oil and gas extraction	EOR	CA	Tehama	T24N R3W Sec. 12
IIR	oil and gas extraction	EOR	CA	Tehama	T24N R3W Sec. 25
IIR	oil and gas extraction	EOR	CA	Tehama	T24N R3W Sec. 25

40.3672348587	-124.299947467	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1570
37.6869222857	-121.668917783	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	900-2000
39.1207274051	-121.791058481	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6160- 6620
39.4903515587	-122.1206103	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6700
39.9454663096	-122.150657534	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	980-1450
39.9061245911	-122.150684093	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1185
39.9061245911	-122.150684093	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1560

feet	Capetown	90	Sandstone
feet	Cierbo	40-250	Sandstone
feet	Dobbins	5-20	Shale
feet	Dobbins	20	Shale
feet		5-120	undiff. nonmarine
feet		10	undiff. nonmarine
feet		15	undiff. nonmarine

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

- 9 1124 9_1124 Bender Oil Operations/Malton - Black Butte Gas Field

- 9 1125 9_1125 The Termo Co./Rancho Capay Gas Field

- 9 1126 9_1126 Supreme Oil and Gas Corp./Sacramento Bypass Gas Field

- 9 1142 9_1142 Phillips Petroleum Co./Southeast Davis Gas Field

- 9 1143 9_1143 Amerada Hess Corp., Opr./Galt Gas Field

- 9 1144 9_1144 Amerada Hess Corp., Opr./Galt Gas Field

- 9 1145 9_1145 The Dow Chemical Co./Kirby Hill Gas Field

Oil and gas

Bryan 1

Oil and gas

Rancho Capay Unit 1 1

Oil and gas

Swanston 1

Oil and gas

Beltrami A 1

Oil and gas

Community 1-1

Oil and gas

Community 1-1

Oil and gas

Lambie 6

IIR	oil and gas extraction	EOR	CA	Glenn and Tehama	T23N R3W Sec. 33
IIR	oil and gas extraction	EOR	CA	Glenn	T22N R2W Sec. 4
IIR	oil and gas extraction	EOR	CA	Yolo	T9N R3E Sec. 26
IIR	oil and gas extraction	EOR	CA	Solano and Yolo	T8N R2E Sec. 25
IIR	oil and gas extraction	EOR	CA	San Joaquin	T4N R6E Sec. 1
IIR	oil and gas extraction	EOR	CA	San Joaquin	T4N R6E Sec. 1
IIR	oil and gas extraction	EOR	CA	Solano	T4N R1E Sec. 30

39.8054431306	-122.206747617	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1550
39.7452986073	-122.119149573	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1710
38.6182183627	-121.658069372	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2160
38.5097133477	-121.705298424	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3535
38.2256260477	-121.272569536	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2330
38.2256260477	-121.272569536	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2433
38.1928945435	-120.871731871	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1550- 2850

feet		70	undiff. nonmarine
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feet		20	undiff. nonmarine
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feet		8	undiff. nonmarine
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feet	Domengine	5	Sandstone
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feet	Domengine	15	Sandstone
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feet	Domengine	5	Sandstone
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feet	Domengine	130	Sandstone
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

- 9 1146 9_1146 Arcady Oil Co./Liberty Cut Gas Field

- 9 1147 9_1147 Amerada Hess Corp., Unit Oper./Lodi Gas Field

- 9 1148 9_1148 Atlantic Oil Co./Maine Prairie Gas Field

- 9 1149 9_1149 Amerada Hess Corp./Millar Gas Field

- 9 1150 9_1150 Occidental Petroleum Corp./Mulligan Hill Gas Field

- 9 1151 9_1151 Chevron U.S.A. Inc./Rio Vista Gas Field

- 9 1152 9_1152 Union Oil Company of California/River Island Gas Field

Oil and gas

Fahn 5

Oil and gas

LGZU 201

Oil and gas

Moresco Brothers 1

Oil and gas

Millar Comm. 1

Oil and gas

Keller Estate 1

Oil and gas

Peter Cook 15

Oil and gas

S.R. Unit 1 1

IIR	oil and gas extraction	EOR	CA	Solano	T5N R3E Sec. 8
IIR	oil and gas extraction	EOR	CA	San Joaquin	T4N R7E Sec. 10
IIR	oil and gas extraction	EOR	CA	Solano	T5N R2E Sec. 12
IIR	oil and gas extraction	EOR	CA	Solano and Yolo	T6N R2E Sec. 2
IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R1W Sec. 35
IIR	oil and gas extraction	EOR	CA	Contra Costa, Sacramento, and Solano	T4N R3E Sec. 8
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T4N R4E Sec. 17

640 Acres	1 Section	4130
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38.2113821202	-121.198711921	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2280
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38.274405102	-119.771647516	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4150
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38.3944311356	-121.721492169	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4000
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37.9774126923	-121.940436535	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1640- 1735
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640 Acres	1 Section	3800- 4300
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640 Acres	1 Section	3730
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feet	Domengine	15	Sandstone
feet	Domengine	25	Sandstone
feet	Domengine	6	Sandstone
feet	Domengine	20	Sandstone
feet	Domengine	5-30	Sandstone
feet	Domengine	40-315	Sandstone
feet	Domengine	20	Sandstone

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9930	P	A	

			3/14/1983
1883	P	A	

			3/14/1983
	P	A	

			3/14/1983
3600	P	A	

			3/14/1983
	P	A	

			3/14/1983
	P	A	

			3/14/1983
	P	A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

9 1153 9_1153 Chevron U.S.A. Inc./Ryer Island Gas Field

9 1154 9_1154 Chevron U.S.A. Inc./Suisun Bay Gas Field

9 1155 9_1155 Chevron U.S.A. Inc./Thornton, West-Walnut Grove Gas Field

9 1156 9_1156 The Termo Co./Willow Pass Gas Field

9 1157 9_1157 Mobil Oil Corp./Butte Sink Gas Field

9 1158 9_1158 Exxon Corp./Black Butte Dam Gas Field

9 1159 9_1159 Exxon Corp./Bounde Creek Gas Field

Oil and gas

Ryer 1

Oil and gas

Suisun Community 16

Oil and gas

McCormach-Williamson 9

Oil and gas

Neustaedter 1

Oil and gas

Capitol Co. Delta Farms 1

Oil and gas

Arthur M. Hall 1

Oil and gas

Bounde Creek Opr. Unit 1 1

IIR	oil and gas extraction	EOR	CA	Solano	T3N R1W Sec. 30
IIR	oil and gas extraction	EOR	CA	Solano	T3N R1W Sec. 4
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R5E Sec. 25
IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R1W Sec. 16
IIR	oil and gas extraction	EOR	CA	Colusa and Sutter	T16N R1W Sec. 23
IIR	oil and gas extraction	EOR	CA	Tehama	T23N R4W Sec. 21
IIR	oil and gas extraction	EOR	CA	Colusa and Glenn	T18N R2W Sec. 13

38.1049289471	-120.871477467	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4750
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38.1049289471	-120.871477467	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4150
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38.3038066135	-121.423173049	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2880
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38.018966875	-121.978576672	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1800
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39.2235479436	-121.939114083	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1000
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39.8350772053	-122.318404789	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	650-950
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39.4068188733	-122.117205444	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5450
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feet	Domengine	200	Sandstone
feet	Domengine	65	Sandstone
feet	Domengine	2-5	Sandstone
feet	Domengine	50	Sandstone
feet	Domengine-lone	10	Sandstone
feet	Forbes	10-20	Sandstone
feet	Forbes	265	Sandstone

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9400

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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

- 9 1160 9_1160 Atlantic Oil Co./Butte Slough Gas Field

- 9 1161 9_1161 Buttes Resources Company/Chico Gas Field

- 9 1162 9_1162 Hunnicutt & Camp Drilling Co./Dunningan Hills Gas Field

- 9 1163 9_1163 Chevron U.S.A., Inc./Freeport Gas Field

- 9 1164 9_1164 The Dow Chemical Co./Kirby Hill Gas Field

- 9 1165 9_1165 Sun Oil Co./Kirkwood Gas Field

- 9 1166 9_1166 Chevron U.S.A. Inc./West Larkin Gas Field

Oil and gas

Scott-Straub 1

Oil and gas

Estes 1

Oil and gas

A. M. Richie 1

Oil and gas

Sims Community 2

Oil and gas

Lambie 6

Oil and gas

Tucker-Gay 1

Oil and gas

Transamerica Development
Co. 1

IIR	oil and gas extraction	EOR	CA	Colusa and Sutter	T15N R1W Sec. 1
IIR	oil and gas extraction	EOR	CA	Butte	T21N R1E Sec. 17
IIR	oil and gas extraction	EOR	CA	Yolo	T11N R1W Sec. 36
IIR	oil and gas extraction	EOR	CA	Sacramento	T7N R5E Sec. 18
IIR	oil and gas extraction	EOR	CA	Solano	T4N R1E Sec. 30
IIR	oil and gas extraction	EOR	CA	Tehama	T23N R3W Sec. 10
IIR	oil and gas extraction	EOR	CA	Glenn	T19N R2W Sec. 32

39.1804225955	-121.920984903	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5700- 7270
39.6733974896	-120.856638373	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4365
38.7581824757	-121.924013156	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8400
38.4596812526	-121.473372331	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8040
38.1928945435	-120.871731871	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5425
39.8633918606	-122.188027982	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4020
39.4571536941	-122.106572249	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5933

feet	Forbes	6-80	Sandstone
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feet	Forbes	20	Sandstone
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feet	Forbes	15	Sandstone
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feet	Forbes	50	Sandstone
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feet	Forbes	40	Sandstone
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feet	Forbes	30	Sandstone
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feet	Forbes	18	Sandstone
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

- 9 1167 9_1167 Mobil Oil Corp./Ilano Seco Gas Field

- 9 1168 9_1168 Milon L. Johnson/Poppy Ridge Gas Field

- 9 1169 9_1169 The Termo Co./Rancho Capay Gas Field

- 9 1170 9_1170 Red Bluff Associates/Red Bank Creek Gas Field

- 9 1171 9_1171 Oxy Petroleum, Inc./East Rice Creek Gas Field

- 9 1172 9_1172 Drilling and Exploration Co./Robbins Gas Field

- 9 1173 9_1173 Buttes Resources Co./Sutter Buttes Gas Field

Oil and gas

Llano Seco 1

Oil and gas

Jillson 1

Oil and gas

Rancho Capay Unit 1 1

Oil and gas

Goff 1

Oil and gas

NRC-Bettencourt 1

Oil and gas

Magoon Estate, Ltd. 1

Oil and gas

Buttes 14

IIR	oil and gas extraction	EOR	CA	Butte and Glenn	T20N R1W Sec. 33
IIR	oil and gas extraction	EOR	CA	Sacramento	T6N R5E Sec. 9
IIR	oil and gas extraction	EOR	CA	Glenn	T22N R2W Sec. 4
IIR	oil and gas extraction	EOR	CA	Tehama	T26N R3W Sec. 4
IIR	oil and gas extraction	EOR	CA	Tehama	T23N R2W Sec. 28
IIR	oil and gas extraction	EOR	CA	Sutter	T12N R3E Sec. 5
IIR	oil and gas extraction	EOR	CA	Sutter	T15N R1E Sec. 12

39.5897337715	-120.851738547	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4550- 5200
38.386671718	-121.436110844	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7270
39.7452986073	-122.119149573	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4540- 5000
40.1413352441	-122.214936861	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4158
39.8409757444	-122.085615338	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4950
38.9163142172	-121.663092842	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7100
39.1646732783	-121.808669893	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2100- 6000

feet	Forbes	5-20	Sandstone
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feet	Forbes	9	Sandstone
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feet	Forbes	1-30	Sandstone
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feet	Forbes	8	Sandstone
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feet	Forbes	16	Sandstone
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feet	Forbes	75	Sandstone
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feet	Forbes	1-60	Sandstone
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

9 1174 9_1174 Atlantic Oil Co./Sutter City Gas Field

9 1175 9_1175 Buttes Resources Co./Sycamore Gas Field

9 1176 9_1176 Occidental Pet. Corp./West Butte Gas Field

9 1177 9_1177 Davis Oil Co./Williams Gas Field

9 1178 9_1178 Sun Oil Co./Willows-Beehive Bend Gas Field

9 1179 9_1179 Exxon Corp./Bounde Creek Gas Field

9 1180 9_1180 Delcalta International Corp./Nicolaus Gas Field

Oil and gas

Sutter Unit K 1

Oil and gas

O.P. Davis B-6

Oil and gas

Standard-Browning 2

Oil and gas

Zumwalt 1

Oil and gas

Sunray-General Petroleum
Whyler-Wolcott Unit 1

Oil and gas

Bounde Creek Opr. Unit 1 1

Oil and gas

Osterli 3

IIR	oil and gas extraction	EOR	CA	Sutter	T15N R2E Sec. 30
IIR	oil and gas extraction	EOR	CA	Colusa and Sutter	T15N R1W Sec. 22
IIR	oil and gas extraction	EOR	CA	Sutter	T16N R1E Sec. 20
IIR	oil and gas extraction	EOR	CA	Colusa	T16N R2W Sec. 31
IIR	oil and gas extraction	EOR	CA	Glenn	T19N R2W Sec. 11
IIR	oil and gas extraction	EOR	CA	Colusa and Glenn	T18N R2W Sec. 13
IIR	oil and gas extraction	EOR	CA	Sutter	T12N R4E Sec. 31

39.1207274051	-121.791058481	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3950- 6830
39.1490165287	-120.849416971	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4734- 7370
39.2232338794	-121.88287971	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4260- 6500
39.196608949	-122.125116974	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5300
39.4903515587	-122.1206103	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4420- 6400
39.4068188733	-122.117205444	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6965
38.8444211122	-121.571353275	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5700

feet	Forbes	3-50	Sandstone
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feet	Forbes	4-40	Sandstone
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feet	Forbes	8-50	Sandstone
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feet	Forbes	10-20	Sandstone
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feet	Forbes	3-60	Sandstone
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feet	Guinda	35	Sandstone
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feet	Guinda	15	Sandstone
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

9 1181 9_1181 Sun Oil Co./Willows-Beehive Bend Gas Field

9 1182 9_1182 Shell Oil Co./South Afton Gas Field

9 1183 9_1183 Exxon Corp./Angel Slough Gas Field

9 1184 9_1184 McCulloch Oil Corp./Artois Gas Field

9 1185 9_1185 Exxon Corp./Bounde Creek Gas Field

9 1186 9_1186 Mobil Oil Corp./Butte Sink Gas Field

9 1187 9_1187 Mobil Oil Corp./Butte Sink Gas Field

Oil and gas	Sunray-General Petroleum Whyler-Wolcott Unit 1
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Oil and gas	Cecil 1-9
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Oil and gas	Angel Slough Operating Unit 1
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Oil and gas	Sunray-McCulloch-Expl. Von Bargaen 1
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Oil and gas	Bounde Creek Opr. Unit 1 1
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Oil and gas	Capitol Co. Delta Farms 1
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Oil and gas	Capitol Co. Delta Farms 1
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IIR	oil and gas extraction	EOR	CA	Glenn	T19N R2W Sec. 11
IIR	oil and gas extraction	EOR	CA	Glenn	T18N R1W Sec. 9
IIR	oil and gas extraction	EOR	CA	Glenn	T18N R1W Sec. 23
IIR	oil and gas extraction	EOR	CA	Glenn	T20N R3W Sec. 11
IIR	oil and gas extraction	EOR	CA	Colusa and Glenn	T18N R2W Sec. 13
IIR	oil and gas extraction	EOR	CA	Colusa and Sutter	T16N R1W Sec. 23
IIR	oil and gas extraction	EOR	CA	Colusa and Sutter	T16N R1W Sec. 23

39.4903515587	-122.1206103	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7350
39.4273869031	-121.976300184	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2735
39.3982759792	-121.938484339	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2383
39.6039331502	-122.165603795	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2520
39.4068188733	-122.117205444	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3700
39.2235479436	-121.939114083	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1600
39.2235479436	-121.939114083	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1950

feet	Guinda	70	Sandstone
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feet	Kione	15	Sandstone
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feet	Kione	15	Sandstone
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feet	Kione	20	Sandstone
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feet	Kione	45	Sandstone
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feet	Kione	20	Sandstone
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feet	Kione	20	Sandstone
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

9 1188 9_1188 Mobil Oil Corp./Butte Sink Gas Field

9 1189 9_1189 Mobil Oil Corp./Butte Sink Gas Field

9 1190 9_1190 Mobil Oil Corp./Butte Sink Gas Field

9 1191 9_1191 Atlantic Oil Co./Butte Slough Gas Field

9 1192 9_1192 Shell Oil Co./South Compton Landing Gas Field

9 1193 9_1193 Shell Oil Co./South Compton Landing Gas Field

9 Northern Counties Petroleum Co./South Corning Gas
1194 9_1194 Field

Oil and gas

Capitol Co. Delta Farms 1

Oil and gas

Capitol Co. Delta Farms 1

Oil and gas

Capitol Co. Delta Farms 1

Oil and gas

Scott-Straub 1

Oil and gas

Transamerica 1-22

Oil and gas

Transamerica 1-22

Oil and gas

Ewers Mooney 1

IIR	oil and gas extraction	EOR	CA	Colusa and Sutter	T16N R1W Sec. 23
IIR	oil and gas extraction	EOR	CA	Colusa and Sutter	T16N R1W Sec. 23
IIR	oil and gas extraction	EOR	CA	Colusa and Sutter	T16N R1W Sec. 23
IIR	oil and gas extraction	EOR	CA	Colusa and Sutter	T15N R1W Sec. 1
IIR	oil and gas extraction	EOR	CA	Colusa	T17N R2W Sec. 22
IIR	oil and gas extraction	EOR	CA	Colusa	T17N R2W Sec. 22
IIR	oil and gas extraction	EOR	CA	Tehama	T24N R3W Sec. 25

39.2235479436	-121.939114083	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2000
39.2235479436	-121.939114083	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2600
39.2235479436	-121.939114083	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2650
39.1804225955	-121.920984903	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1815
39.3118605264	-122.06942133	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2600
39.3118605264	-122.06942133	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2850
39.9061245911	-122.150684093	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2340

feet	Kione	80	Sandstone
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feet	Kione	20	Sandstone
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feet	Kione	15	Sandstone
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feet	Kione	35	Sandstone
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feet	Kione	50	Sandstone
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feet	Kione	15	Sandstone
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feet	Kione	20	Sandstone
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7000	P	A	

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7000	P	A	

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7000	P	A	

			3/14/1983
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	P	A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

- 9 1195 9_1195 Sun Oil Co./Kirkwood Gas Field

- 9 1196 9_1196 Mobil Oil Corp./Ilano Seco Gas Field

- 9 1197 9_1197 Great Basins Petroleum Co./Moon Bend Gas Field

- 9 1198 9_1198 Shell Oil Co./Peace Valley Gas Field

- 9 1199 9_1199 Intex Oil Co./Princeton Gas Field

- 9 1200 9_1200 The Termo Co./Rancho Capay Gas Field

- 9 1201 9_1201 Exxon Corp./Schohr Ranch Gas Field

Oil and gas

Tucker-Gay 1

Oil and gas

Llano Seco 1

Oil and gas

Great Basins-Davis 1-9

Oil and gas

Citco-DeRee 1-35

Oil and gas

Capitol 1-30

Oil and gas

Rancho Capay Unit 1 1

Oil and gas

Elna B. Schohr 2

IIR	oil and gas extraction	EOR	CA	Tehama	T23N R3W Sec. 10
IIR	oil and gas extraction	EOR	CA	Butte and Glenn	T20N R1W Sec. 33
IIR	oil and gas extraction	EOR	CA	Colusa	T15N R1W Sec. 9
IIR	oil and gas extraction	EOR	CA	Sutter	T17N R1E Sec. 35
IIR	oil and gas extraction	EOR	CA	Colusa	T18N R1W Sec. 30
IIR	oil and gas extraction	EOR	CA	Glenn	T22N R2W Sec. 4
IIR	oil and gas extraction	EOR	CA	Butte	T18N R1E Sec. 14

39.8633918606	-122.188027982	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2430
39.5897337715	-120.851738547	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3275
39.1632571854	-121.978317733	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1400
39.2819214572	-121.826217716	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3150
39.3830022714	-122.006821482	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2170
39.7452986073	-122.119149573	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2580
39.4134286633	-121.826897556	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2570

feet	Kione	40	Sandstone
feet	Kione	17	Sandstone
feet	Kione	27	Sandstone
feet	Kione	30	Sandstone
feet	Kione	110	Sandstone
feet	Kione	10	Sandstone
feet	Kione	15	Sandstone

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2200	P	A	

			3/14/1983
4100	P	A	

			3/14/1983
	P	A	

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			3/14/1983
	P	A	

			3/14/1983
	P	A	

			3/14/1983
4300	P	A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

9 1202 9_1202 Shell Oil Co./Stegeman Gas Field

9 1203 9_1203 Buttes Resources Co./Sutter City Gas Field

9 1204 9_1204 Buttes Resources Co./Sycamore Gas Field

9 1205 9_1205 Exxon Corp./Wild Goose Gas Field

9 1206 9_1206 Exxon Corp./Wild Goose Gas Field

9 1207 9_1207 Sun Oil Co./Willows-Beehive Bend Gas Field

9 1208 9_1208 Texaco Inc./Lone Tree Creek Gas Field

Oil and gas

Thousand Acre Ranch 1 1

Oil and gas

Butte Community B 6

Oil and gas

O.P. Davis B-6

Oil and gas

Howard F. Brady 1

Oil and gas

Howard F. Brady 1

Oil and gas

Sunray-General Petroleum
Whyler-Wolcott Unit 1

Oil and gas

Vieira 1

IIR	oil and gas extraction	EOR	CA	Colusa	T17N R2W Sec. 1
IIR	oil and gas extraction	EOR	CA	Sutter	T15N R2E Sec. 7
IIR	oil and gas extraction	EOR	CA	Colusa and Sutter	T15N R1W Sec. 22
IIR	oil and gas extraction	EOR	CA	Butte and Colusa	T17N R1E Sec. 20
IIR	oil and gas extraction	EOR	CA	Butte and Colusa	T17N R1E Sec. 20
IIR	oil and gas extraction	EOR	CA	Glenn	T19N R2W Sec. 11
IIR	oil and gas extraction	EOR	CA	San Joaquin	T1S R8E Sec. 17

39.3486016605	-122.025080737	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2490
39.1645450554	-121.790080051	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1700
39.1490165287	-120.849416971	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2750
39.310986774	-121.882507022	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2400
39.310986774	-121.882507022	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2850
39.4903515587	-122.1206103	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1930- 3650
37.848856857	-121.117673178	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6800

feet	Kione	25	Sandstone
feet	Kione	140	Sandstone
feet	Kione	40	Sandstone
feet	Kione	10	Sandstone
feet	Kione	30	Sandstone
feet	Kione	10-80	Sandstone
feet	Lathrop	10	Sandstone

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P A

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

9 1209 9_1209 The Dow Chemical Co./Kirby Hill Gas Field

9 1210 9_1210 Chevron U.S.A. Inc./Rio Vista Gas Field

9 1211 9_1211 Chevron U.S.A. Inc./Rio Vista Gas Field

9 1212 9_1212 Union Oil Company of California/River Island Gas Field

9 1213 9_1213 Chevron U.S.A. Inc./Thornton, West-Walnut Grove Gas Field

9 1214 9_1214 Chevron USA Inc./Van Sickle Island Gas Field

9 1215 9_1215 Nahama & Weagant, Inc./Greens Lake Gas Field

Oil and gas

Lambie 6

Oil and gas

Peter Cook 15

Oil and gas

Peter Cook 15

Oil and gas

S.R. Unit 1 1

Oil and gas

McCormach-Williamson 9

Oil and gas

Feykert 1

Oil and gas

Greens Lake Unit 1 2

IIR	oil and gas extraction	EOR	CA	Solano	T4N R1E Sec. 30
IIR	oil and gas extraction	EOR	CA	Contra Costa, Sacramento, and Solano	T4N R3E Sec. 8
IIR	oil and gas extraction	EOR	CA	Contra Costa, Sacramento, and Solano	T4N R3E Sec. 8
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T4N R4E Sec. 17
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R5E Sec. 25
IIR	oil and gas extraction	EOR	CA	Solano	T3N R1E Sec. 32
IIR	oil and gas extraction	EOR	CA	Yolo	T8N R4E Sec. 18

38.1928945435	-120.871731871	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1100
			640 Acres	1 Section	2450
			640 Acres	1 Section	2630
			640 Acres	1 Section	3110
38.3038066135	-121.423173049	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2810
38.1049289471	-120.871477467	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3250
38.5206440452	-121.491089605	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3200

feet	Markley	30	Shale
feet	Markley	50	Shale
feet	Markley	24	Shale
feet	Markley	5	Shale
feet	Markley	30	Shale
feet	Markley	45	Shale
feet	Markley Canyon fill	40	Shale

			3/14/1983
8217	P	A	

			3/14/1983
	P	A	

			3/14/1983
4590	P	A	

			3/14/1983
1200	P	A	

			3/14/1983
	P	A	

			3/14/1983
	P	A	

			3/14/1983
	P	A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

- 9 1216 9_1216 Davis Oil Co./Verona Gas Field

- 9 1217 9_1217 Chevron U.S.A. Inc./Thornton Gas Field

- 9 1218 9_1218 Chevron U.S.A. Inc./Thornton Gas Field

- 9 1219 9_1219 Shell Oil Co./Brentwood Oil Field

- 9 1220 9_1220 Shell Oil Co./Brentwood Oil Field

- 9 1221 9_1221 Pacific Gas and Electric Co./Los Medanos Gas Field

- 9 1222 9_1222 W.E. Strangman/Vernalis Gas Field

Oil and gas

Nicholas 1

Oil and gas

Dinelli-Blossom-McGillivray
1

Oil and gas

Dinelli-Blossom-McGillivray
1

Oil and gas

Heidorn 2-4

Oil and gas

Heidorn 2-4

Oil and gas

Ginochio 3-7

Oil and gas

Navarra 1

IIR	oil and gas extraction	EOR	CA	Sutter	T11N R3E Sec. 14
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R5E Sec. 29
IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R5E Sec. 29
IIR	oil and gas extraction	EOR	CA	Contra Costa	T1N R2E Sec. 4
IIR	oil and gas extraction	EOR	CA	Contra Costa	T1N R2E Sec. 4
IIR	oil and gas extraction	EOR	CA	Contra Costa	T2N R1W Sec. 7
IIR	oil and gas extraction	EOR	CA	San Joaquin and Stanislaus	T3S R6E Sec. 29

38.7998704485	-121.60853945	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	1840
38.3038066135	-121.423173049	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2315
38.3038066135	-121.423173049	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2580
37.9614936495	-121.759966762	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3770
37.9614936495	-121.759966762	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3520
38.0336351607	-122.015576387	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2800
37.6454630782	-121.333587024	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3000

feet	Markley Canyon fill	15	Shale
feet	Markley-Nortonville	15	Shale
feet	Markley-Nortonville	25	Shale
feet	Martinez	80	Shale
feet	Martinez	34	Shale
feet		10	
feet	Valley Springs-Mehrten	25	Sandstone

			3/14/1983
	P	A	
			3/14/1983
	P	A	
			3/14/1983
	P	A	
			3/14/1983
2800	P	A	
			3/14/1983
8900	P	A	
			3/14/1983
	P	A	
			3/14/1983
2100	P	A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

- 9 1223 9_1223 Chevron USA, Inc./Cache Creek Gas Field

- 9 1224 9_1224 Buttes Resources Co./Conway Ranch Gas Field

- 9 1225 9_1225 Chevron USA, Inc./Crossroads Gas Field

- 9 1226 9_1226 Cities Service Co./Dry Slough Gas Field

- 9 1227 9_1227 Cities Service Co./Dry Slough Gas Field

- 9 1228 9_1228 Hunnicutt & Camp Drilling Co./Dunningan Hills Gas Field

- 9 1229 9_1229 Hunnicutt & Camp Drilling Co./Dunningan Hills Gas Field

Oil and gas	E. A. Payne et al 1-11
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Oil and gas	Humble-Investment Opr., Inc. 2
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Oil and gas	Amstar 1
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Oil and gas	Reardon A 1
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Oil and gas	Reardon A 1
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Oil and gas	A. M. Richie 1
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Oil and gas	A. M. Richie 1
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IIR	oil and gas extraction	EOR	CA	Yolo	T10N R2E Sec. 11
IIR	oil and gas extraction	EOR	CA	Yolo	T9N R2E Sec. 1
IIR	oil and gas extraction	EOR	CA	Yolo	T10N R2E Sec. 22
IIR	oil and gas extraction	EOR	CA	Yolo	T8N R1E Sec. 3
IIR	oil and gas extraction	EOR	CA	Yolo	T8N R1E Sec. 3
IIR	oil and gas extraction	EOR	CA	Yolo	T11N R1W Sec. 36
IIR	oil and gas extraction	EOR	CA	Yolo	T11N R1W Sec. 36

38.7138576916	-119.77638792	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5000
38.6548942848	-121.700974909	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5150- 5300
38.6949866085	-121.737263335	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4985
38.5687396983	-121.849472978	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5030- 5350
38.5687396983	-121.849472978	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6040
38.7581824757	-121.924013156	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2450
38.7581824757	-121.924013156	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2465

feet	Winters		Shale
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feet	Winters	0-50	Shale
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feet	Winters	20	Shale
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feet	Winters	10-20	Shale
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feet	Winters	15	Shale
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feet	Winters	40	Shale
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feet	Winters	65	Shale
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

9 1230 9_1230 Hunnicutt & Camp Drilling Co./Dunningan Hills Gas Field

9 1231 9_1231 Supreme Oil & Gas Corp./Fairfield Knolls Gas Field

9 1232 9_1232 Union Oil Company of California/Florin Gas Field

9 1233 9_1233 Chevron U.S.A., Inc./Freeport Gas Field

9 1234 9_1234 Hilliard Oil & Gas, Inc./Grays Bend Gas Field

9 1235 9_1235 Chevron U.S.A. Inc./Lindsey Slough Gas Field

9 1236 9_1236 Atlantic Oil Co./Maine Prairie Gas Field

Oil and gas

A. M. Richie 1

Oil and gas

Corcoran 1

Oil and gas

Florin 1

Oil and gas

Sims Community 2

Oil and gas

Hershey A 1

Oil and gas

Peter Cook 16

Oil and gas

Moresco Brothers 1

IIR	oil and gas extraction	EOR	CA	Yolo	T11N R1W Sec. 36
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IIR	oil and gas extraction	EOR	CA	Yolo	T9N R1E Sec. 33
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IIR	oil and gas extraction	EOR	CA	Sacramento	T8N R5E Sec. 35
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IIR	oil and gas extraction	EOR	CA	Sacramento	T7N R5E Sec. 18
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IIR	oil and gas extraction	EOR	CA	Yolo	T11N R2E Sec. 31
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IIR	oil and gas extraction	EOR	CA	Solano	T4N R2E Sec. 10
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IIR	oil and gas extraction	EOR	CA	Solano	T5N R2E Sec. 12
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38.7581824757	-121.924013156	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2650
38.5834129916	-121.867769017	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5040
38.5032727392	-121.399841325	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3800
38.4596812526	-121.473372331	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5780
38.7570043873	-121.79398478	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4500
38.2054765159	-121.741585831	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	9130
38.274405102	-119.771647516	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8300

feet	Winters	30	Shale
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feet	Winters	5	Shale
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feet	Winters	30	Shale
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feet	Winters	20	Shale
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feet	Winters	20	Shale
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feet	Winters	25	Shale
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feet	Winters	30	Shale
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8200	P	A	

			3/14/1983
840	P	A	

			3/14/1983
	P	A	

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			3/14/1983
1370	P	A	

			3/14/1983
	P	A	

40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

- 9 1237 9_1237 Texaco, Inc./Merritt Gas Field

- 9 1238 9_1238 Union Oil Company of California/Merritt Island Gas Field

- 9 1239 9_1239 Amerada Hess Corp./Millar Gas Field

- 9 1240 9_1240 Hunnicutt & Campbell Drilling Co./Millar Gas Field

- 9 1241 9_1241 Supreme Oil & Gas Corp./Plainfield Gas Field

- 9 1242 9_1242 The Divide Ridge Oil Co./Pleasant Creek Gas Field

- 9 1243 9_1243 The Divide Ridge Oil Co./Pleasant Creek Gas Field

Oil and gas

Transamerica 1-16

Oil and gas

Greene Unit 2

Oil and gas

Millar Comm. 1

Oil and gas

Anderson-Rohwer Unit 1

Oil and gas

Supreme-Bell 1

Oil and gas

No. 1

Oil and gas

No. 1

IIR	oil and gas extraction	EOR	CA	Yolo	T9N R2E Sec. 16
IIR	oil and gas extraction	EOR	CA	Sacramento and Yolo	T6N R4E Sec. 21
IIR	oil and gas extraction	EOR	CA	Solano and Yolo	T6N R2E Sec. 2
IIR	oil and gas extraction	EOR	CA	Solano and Yolo	T6N R2E Sec. 5
IIR	oil and gas extraction	EOR	CA	Yolo	T9N R1E Sec. 9
IIR	oil and gas extraction	EOR	CA	Yolo	T8N R1W Sec. 8
IIR	oil and gas extraction	EOR	CA	Yolo	T8N R1W Sec. 8

38.6263847676	-121.757094972	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5550
38.3592423805	-121.50708305	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7400
38.3944311356	-121.721492169	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	8245
38.3947338883	-121.777003643	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7840
38.6415059414	-121.867267788	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4430
38.5546906033	-121.998855693	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3700
38.5546906033	-121.998855693	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	2800

feet	Winters	15	Shale
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feet	Winters	15	Shale
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feet	Winters	14	Shale
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feet	Winters	15	Shale
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feet	Winters	4	Shale
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feet	Winters	25	Shale
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feet	Winters	30	Shale
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)

9 1244 9_1244 MCOR Oil and Gas Corp./Potrero Hills Gas Field

9 1245 9_1245 Occidental Petroleum Corp./Putah Sink Gas Field

9 1246 9_1246 Occidental Petroleum Corp./Putah Sink Gas Field

9 1247 9_1247 Union Oil Company of California/River Island Gas Field

9 1248 9_1248 Exxon Corp./Saxon Gas Field

9 1249 9_1249 Cities Service Oil Co./Stone Lake Gas Field

9 1250 9_1250 The Dow Chemical Co./Sugarfield Gas Field

Oil and gas	McCulloch-Macson Scally Unit 1
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Oil and gas	Glide 1
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Oil and gas	Glide 1
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Oil and gas	S.R. Unit 1 1
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Oil and gas	John C. Maxwell 1
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Oil and gas	McKeon Const. 1
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Oil and gas	Robinson Well 1
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IIR	oil and gas extraction	EOR	CA	Solano	T4N R1W Sec. 10
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IIR	oil and gas extraction	EOR	CA	Yolo	T8N R3E Sec. 34
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IIR	oil and gas extraction	EOR	CA	Yolo	T8N R3E Sec. 34
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IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T4N R4E Sec. 17
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IIR	oil and gas extraction	EOR	CA	Yolo	T7N R3E Sec. 7
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IIR	oil and gas extraction	EOR	CA	Sacramento	T6N R5E Sec. 6
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IIR	oil and gas extraction	EOR	CA	Yolo	T10N R2E Sec. 16
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38.2072169417	-121.961078946	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	3245
38.5212981145	-121.674693904	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6210
38.5212981145	-121.674693904	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6500
			640 Acres	1 Section	8450
38.4669162645	-121.684396313	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6820
38.4012915014	-121.473066679	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7072
38.7138576916	-119.77638792	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4930

feet	Winters	40	Shale
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feet	Winters	20	Shale
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feet	Winters	60	Shale
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feet	Winters	30	Shale
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feet	Winters	8	Shale
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feet	Winters	20	Shale
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feet	Winters	15	Shale
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
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Chevron U.S.A. Inc./Thornton, West-Walnut Grove Gas
9 1251 9_1251 Field

9 1252 9_1252 Getty Oil Co./Todhunters Lake Gas Field

9 1253 9_1253 Capitol Oil Corp./Tremont Gas Field

9 1254 9_1254 Shell Oil Co./Willow Slough Gas Field

9 1255 9_1255 Albert A. Rembold/Winters Gas Field

9 1256 9_1256 Albert A. Rembold/Winters Gas Field

9 1257 9_1257 Albert A. Rembold/Winters Gas Field

Oil and gas

McCormach-Williamson 9

Oil and gas

I.O.C. 2

Oil and gas

Hamel-Thomas 1

Oil and gas

Stephens 1-28

Oil and gas

Winters Unit 2 1

Oil and gas

Winters Unit 2 1

Oil and gas

Winters Unit 2 1

IIR	oil and gas extraction	EOR	CA	Sacramento and San Joaquin	T5N R5E Sec. 25
IIR	oil and gas extraction	EOR	CA	Yolo	T9N R3E Sec. 33
IIR	oil and gas extraction	EOR	CA	Solano	T8N R2E Sec. 34
IIR	oil and gas extraction	EOR	CA	Yolo	T9N R2E Sec. 28
IIR	oil and gas extraction	EOR	CA	Solano and Yolo	T8N R1E Sec. 18
IIR	oil and gas extraction	EOR	CA	Solano and Yolo	T8N R1E Sec. 18
IIR	oil and gas extraction	EOR	CA	Solano and Yolo	T8N R1E Sec. 18

38.3038066135	-121.423173049	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	7460- 8300
38.5823960705	-121.647560724	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5440- 6440
38.4956275999	-121.741776451	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	6560
38.5975701876	-121.757697039	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5990
38.54644239	-121.90909195	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4850
38.54644239	-121.90909195	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	4920
38.54644239	-121.90909195	Lat/Lon represents centroid of PLSS area	640 Acres	1 Section	5585

feet	Winters	10-30	Shale
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feet	Winters	20-40	Shale
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feet	Winters	7	Shale
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feet	Winters	10	Shale
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feet	Winters	20	Shale
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feet	Winters	5	Shale
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feet	Winters	5	Shale
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40 CFR 146.4(a); 40 CFR 146.4(b)(1)	8/1/2013	California Division of Oil and Gas Hydrocarbon-Producing Aquifer Exemptions. California Oil and Gas Fields – Volume 1 – Exhibit 20. (Attachment to State’s primacy application.)
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